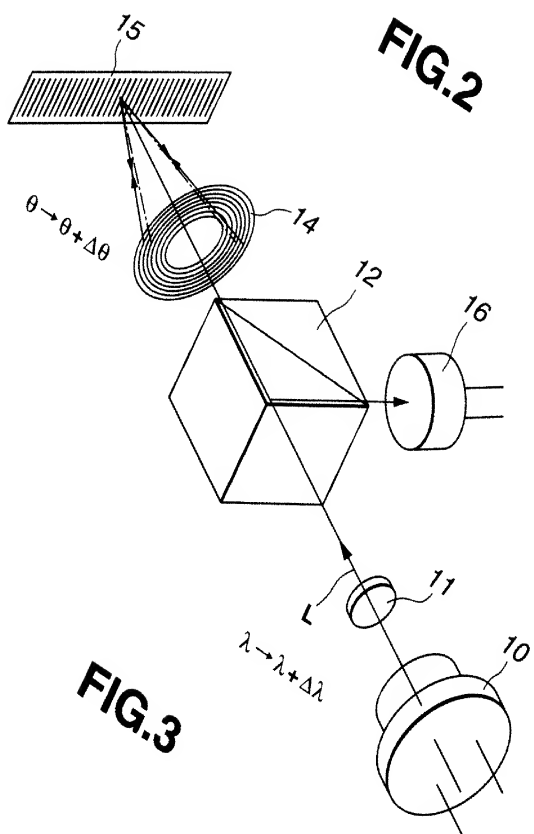
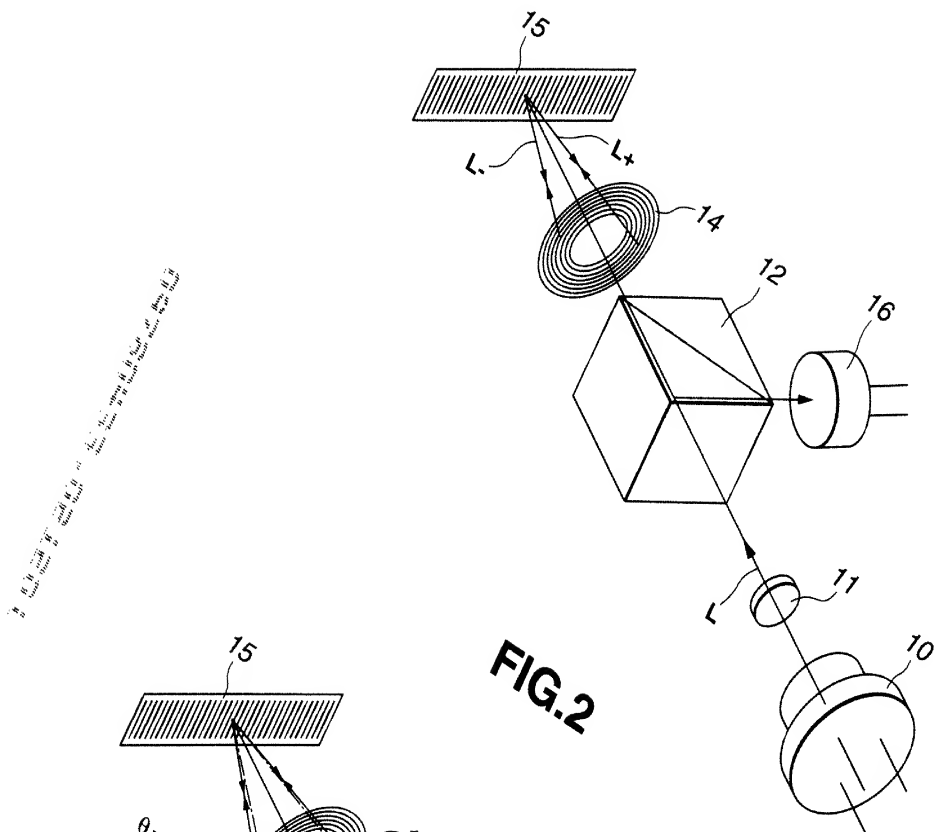
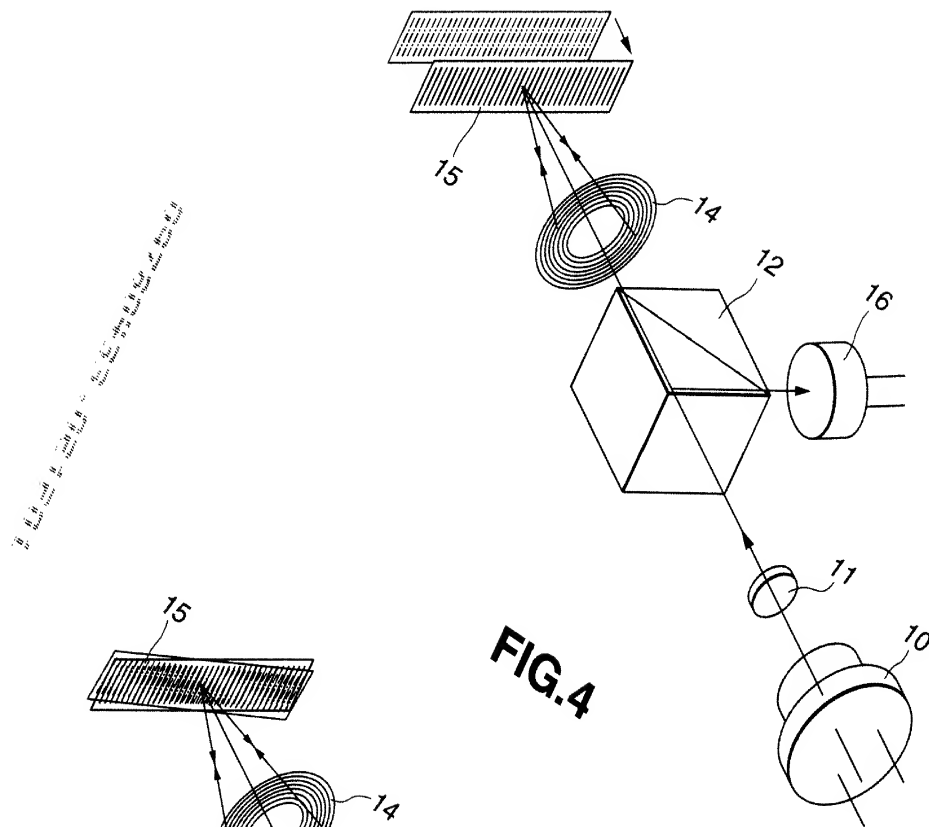
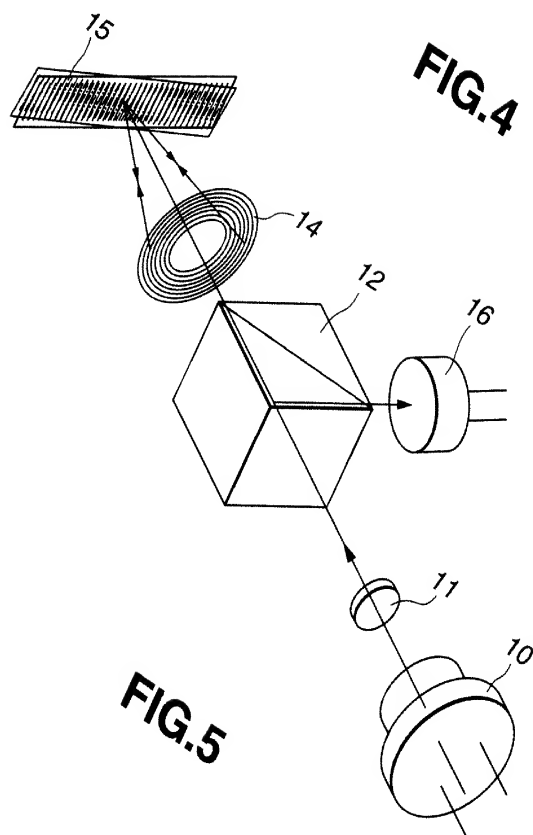


**FIG.1**

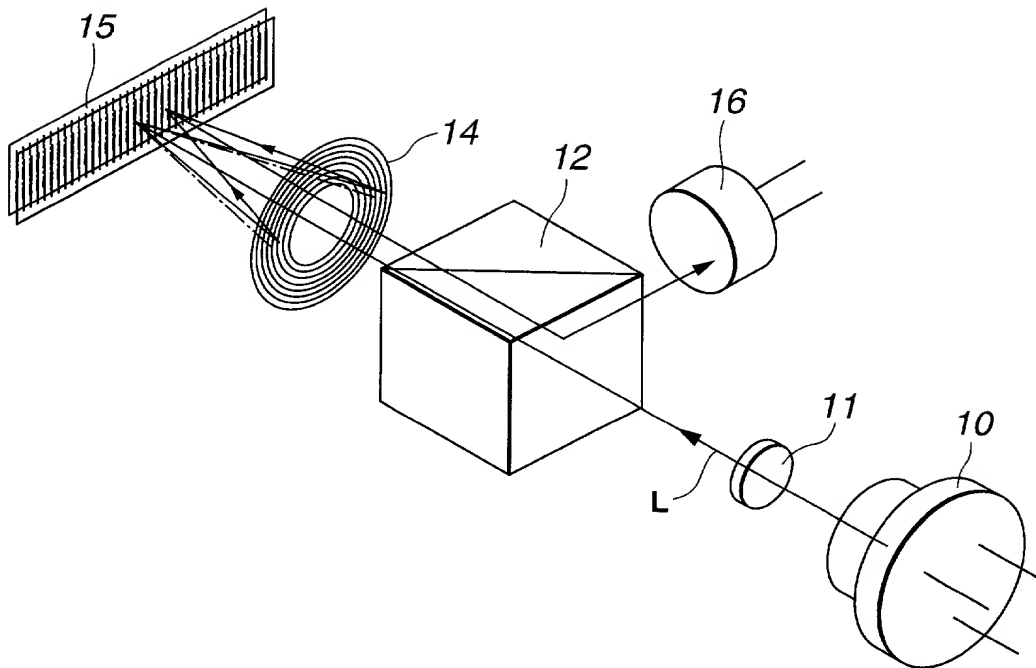




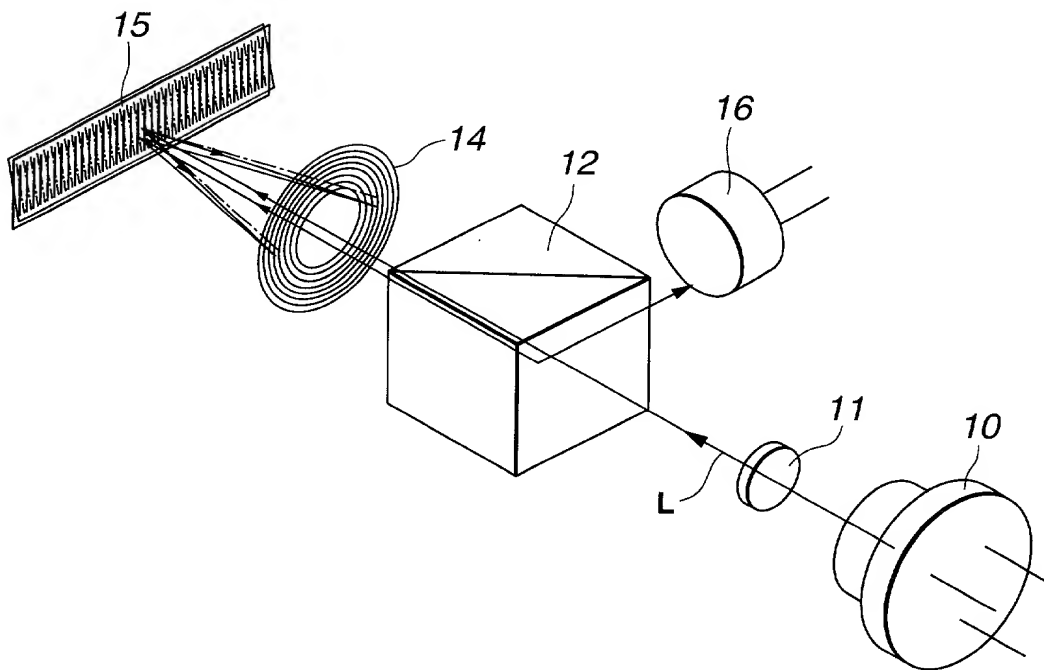
**FIG. 4**



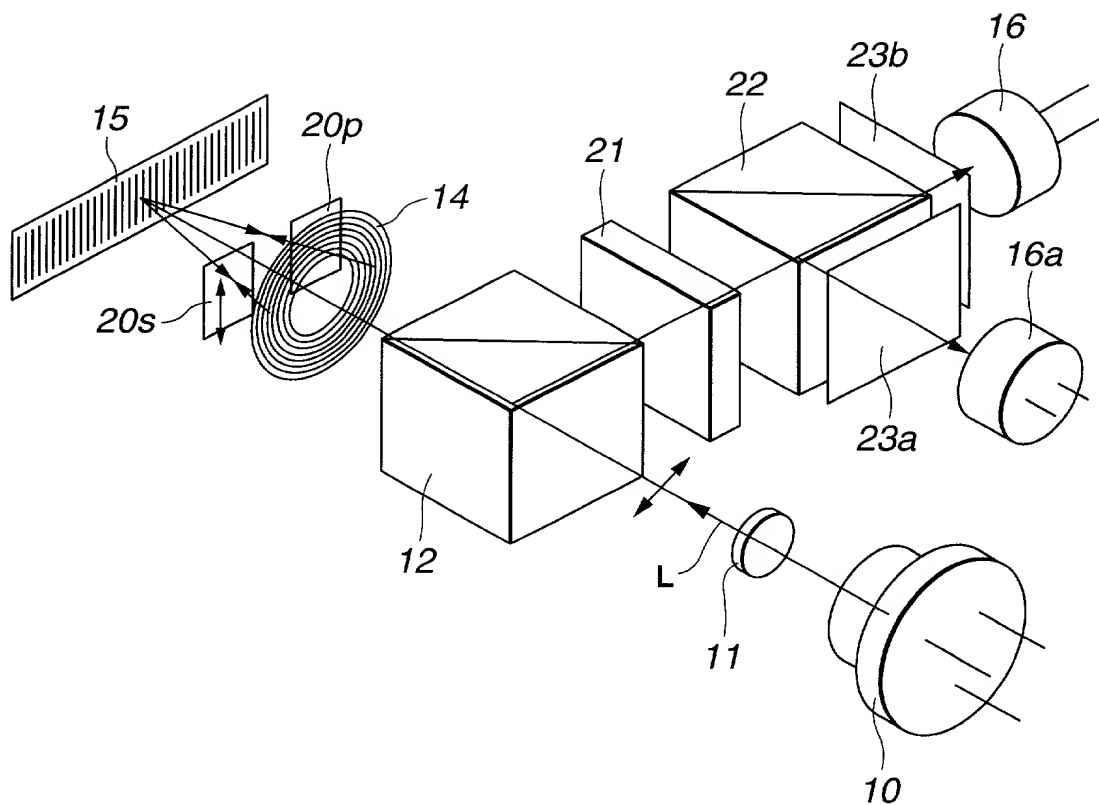
**FIG. 5**



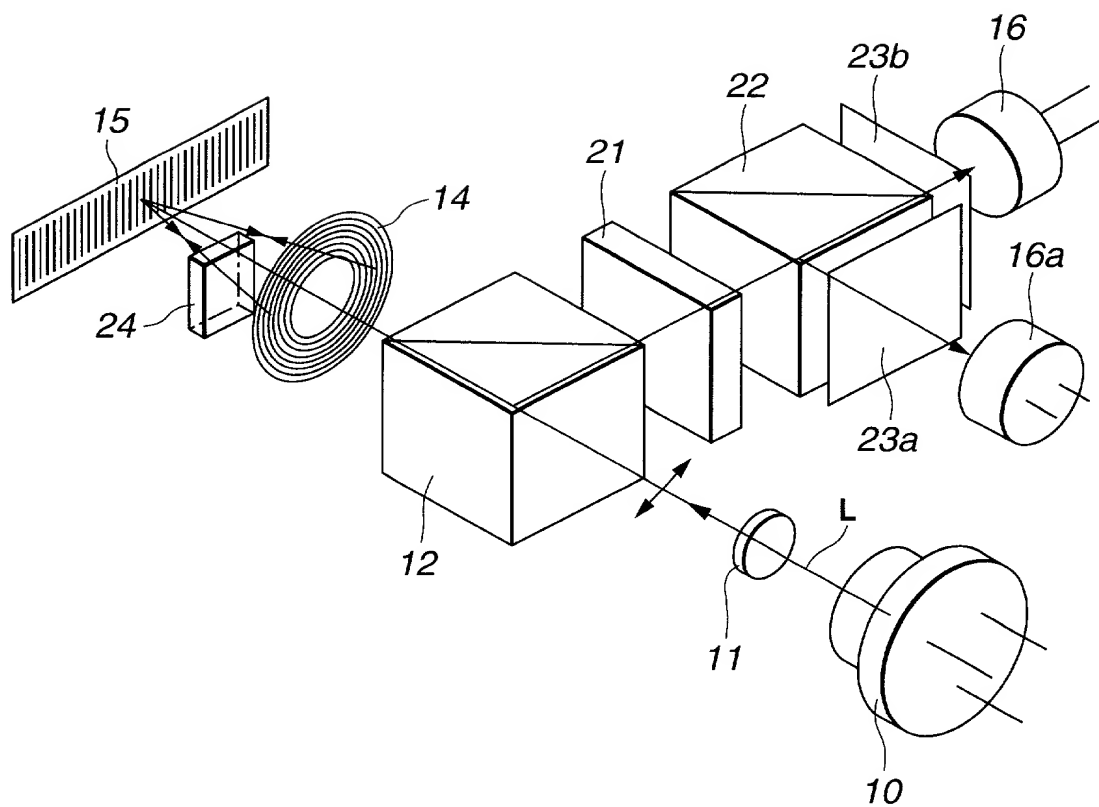
**FIG.6**



**FIG.7**



**FIG.8**



**FIG.9**

FIG. 10 is a perspective view of the optical system 100 according to the present invention. The optical system 100 includes a light source 10, a collimating lens 11, a beam splitter 12, a half-wave plate 14, a polarizing beam splitter 15, a half-wave plate 16a, a half-wave plate 16b, a quarter-wave plate 22, a half-wave plate 23a, a half-wave plate 23b, a half-wave plate 25a, a half-wave plate 25b, and a detector 25c.

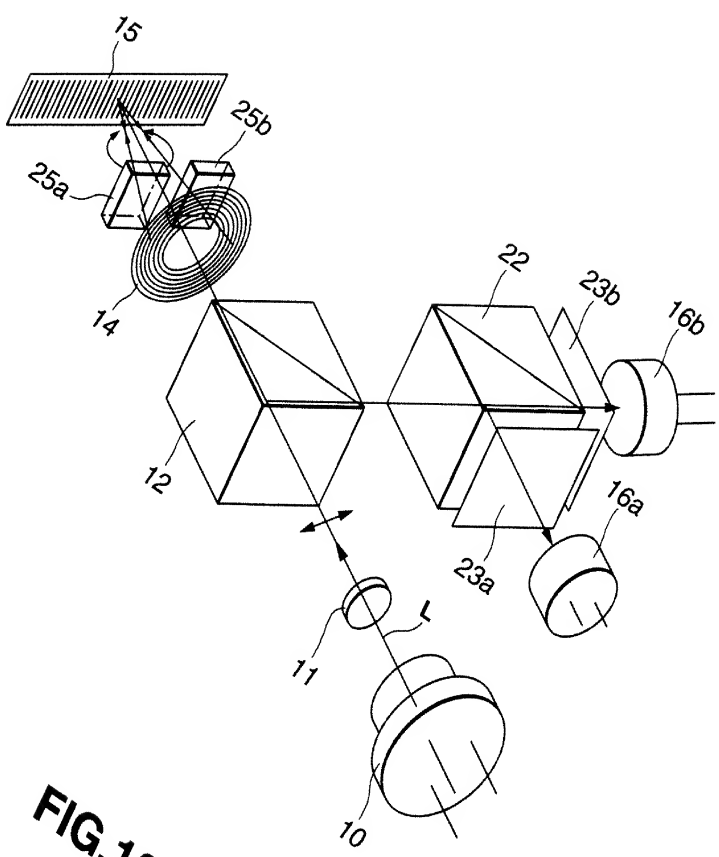


FIG.10

FIG. 11 is a perspective view of the optical system 100 according to the present invention. The optical system 100 includes a light source 10, a collimating lens 11, a beam splitter 12, a first lens 13, a second lens 14, a third lens 15, a fourth lens 16a, a fifth lens 16b, a sixth lens 17, a seventh lens 18, an eighth lens 19, a ninth lens 20, a tenth lens 21, an eleventh lens 22, a twelfth lens 23a, a thirteenth lens 23b, a fourteenth lens 24a, a fifteenth lens 24b, a sixteenth lens 25a, and a seventeenth lens 25b. The light source 10 emits light that passes through the collimating lens 11 and is reflected by the beam splitter 12. The light then passes through the first lens 13, the second lens 14, the third lens 15, the fourth lens 16a, the fifth lens 16b, the sixth lens 17, the seventh lens 18, the eighth lens 19, the ninth lens 20, the tenth lens 21, the eleventh lens 22, the twelfth lens 23a, the thirteenth lens 23b, the fourteenth lens 24a, the fifteenth lens 24b, the sixteenth lens 25a, and the seventeenth lens 25b. The light is then focused onto a detector 26.

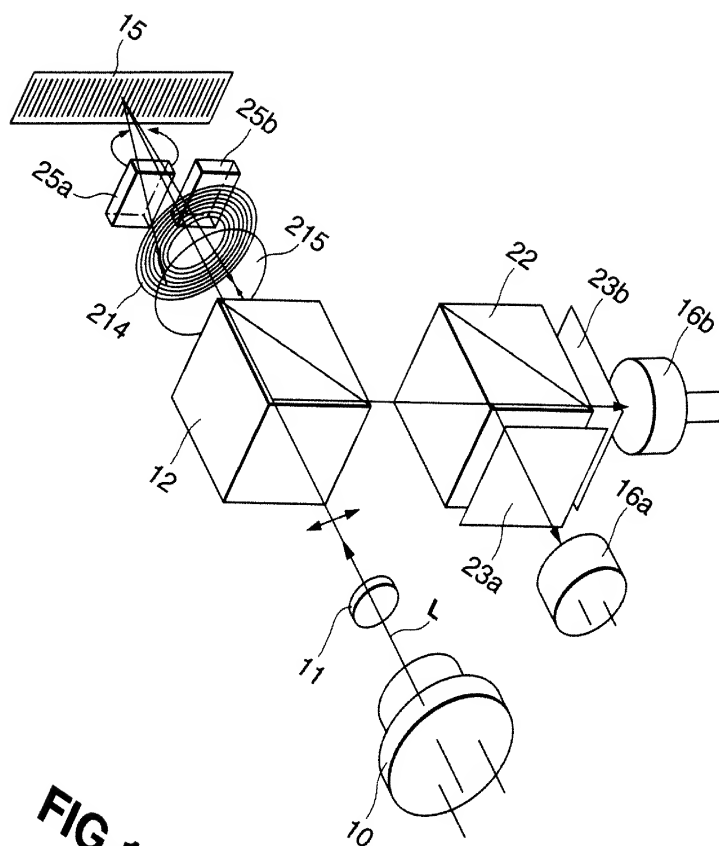
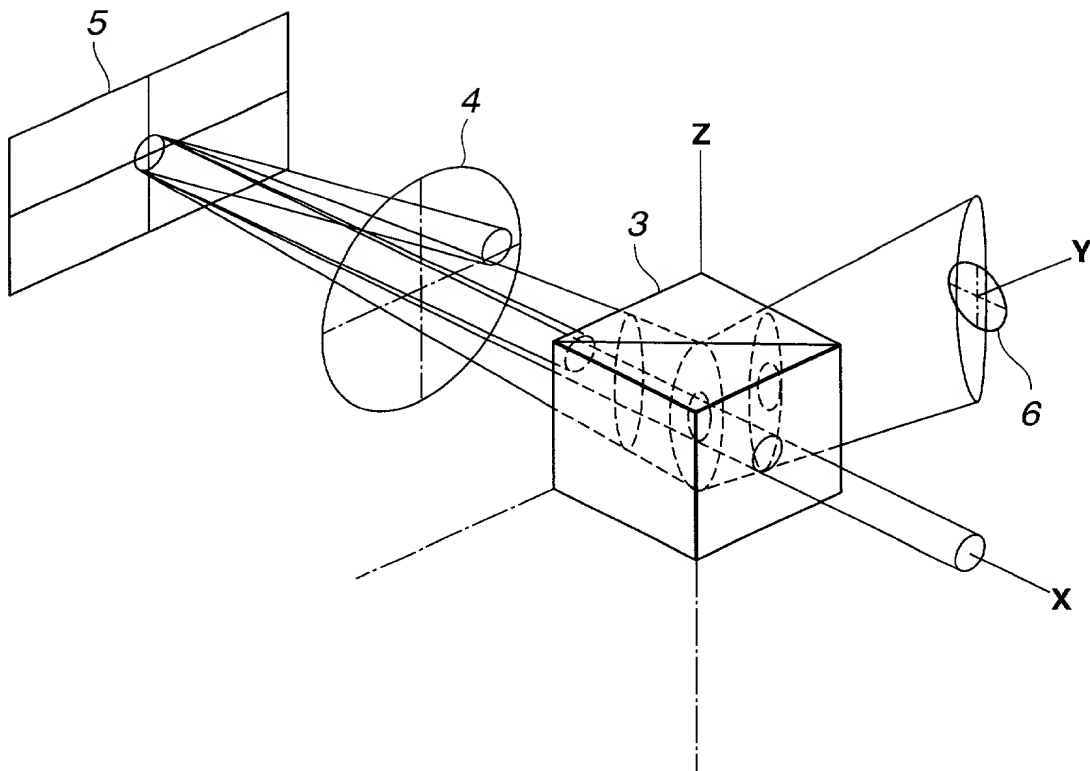
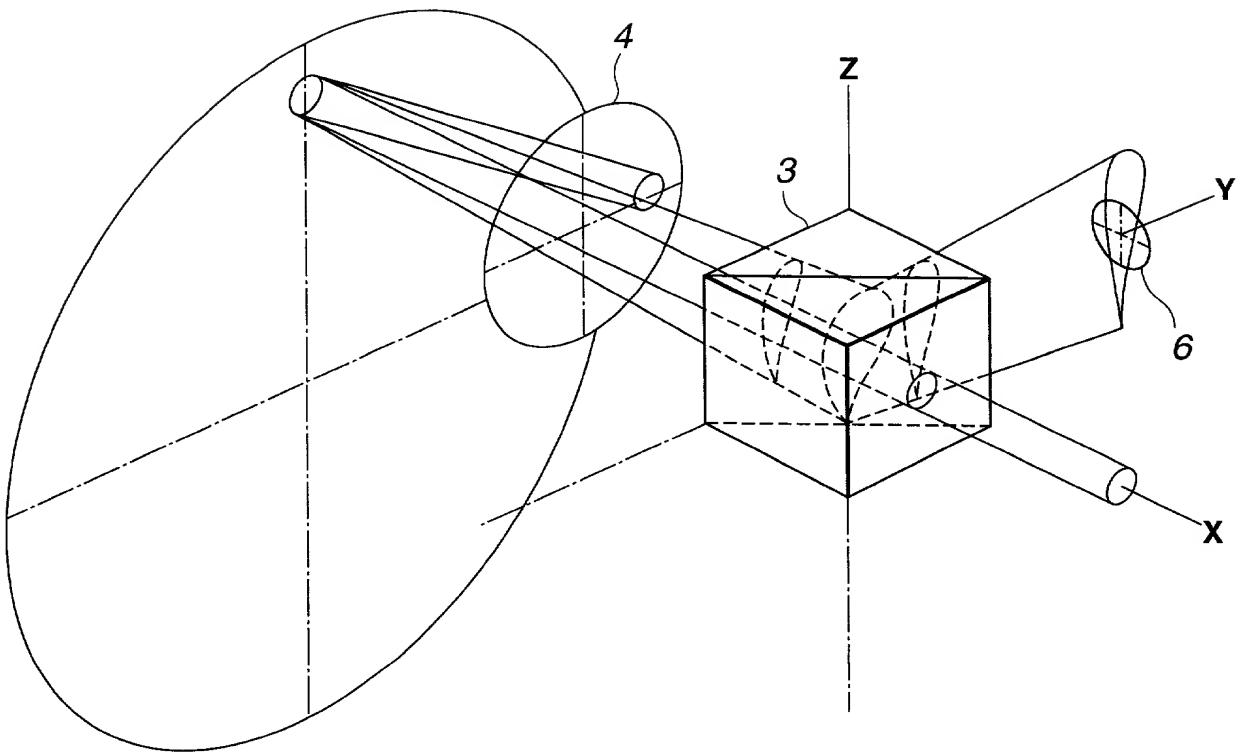


FIG.11

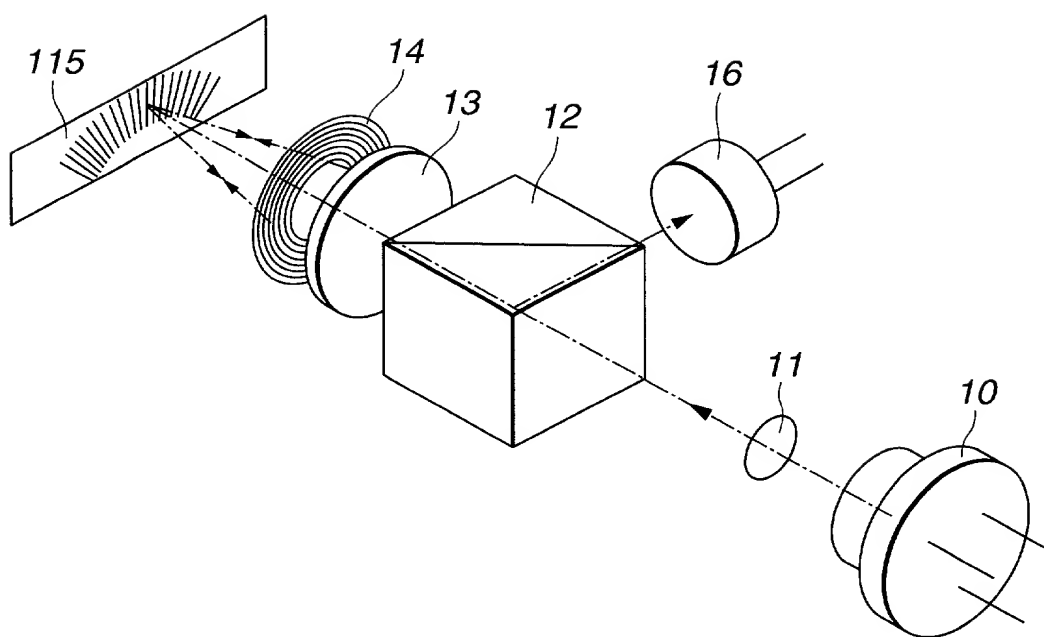




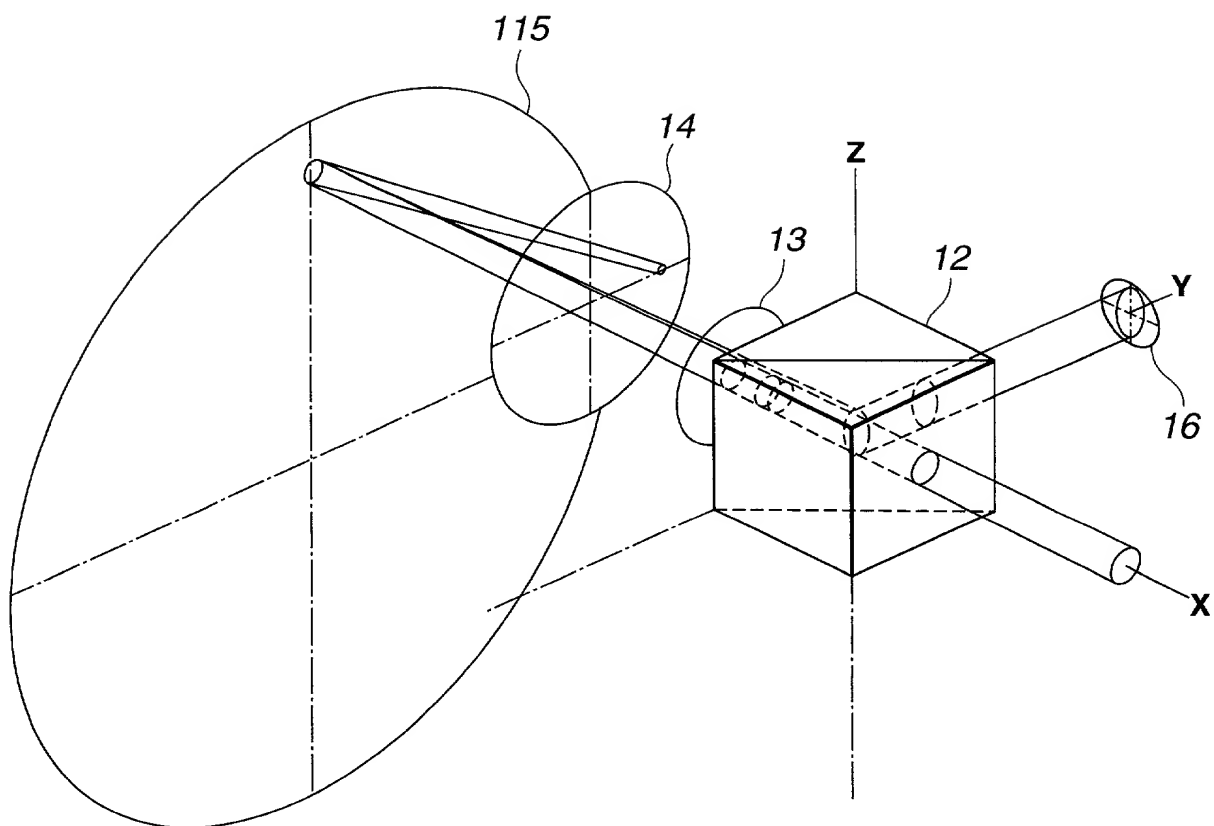
**FIG.12**



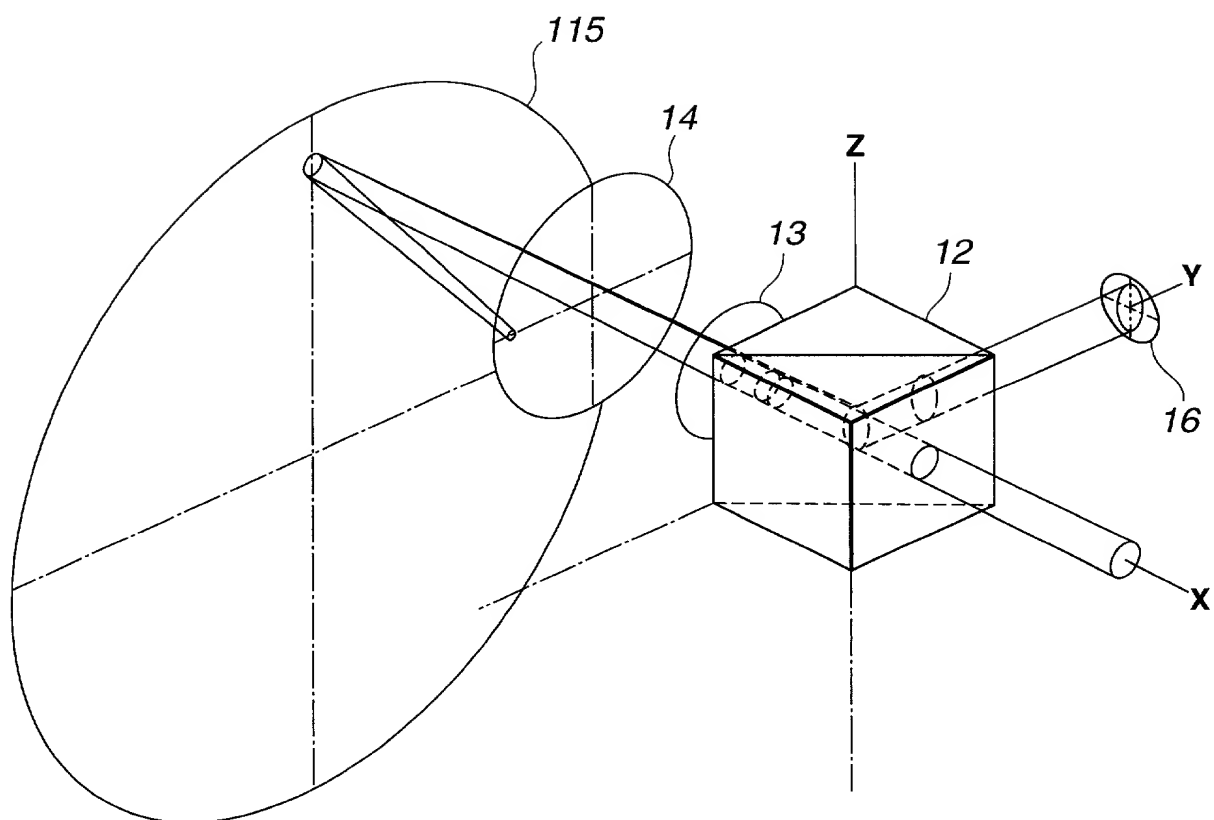
**FIG.13**



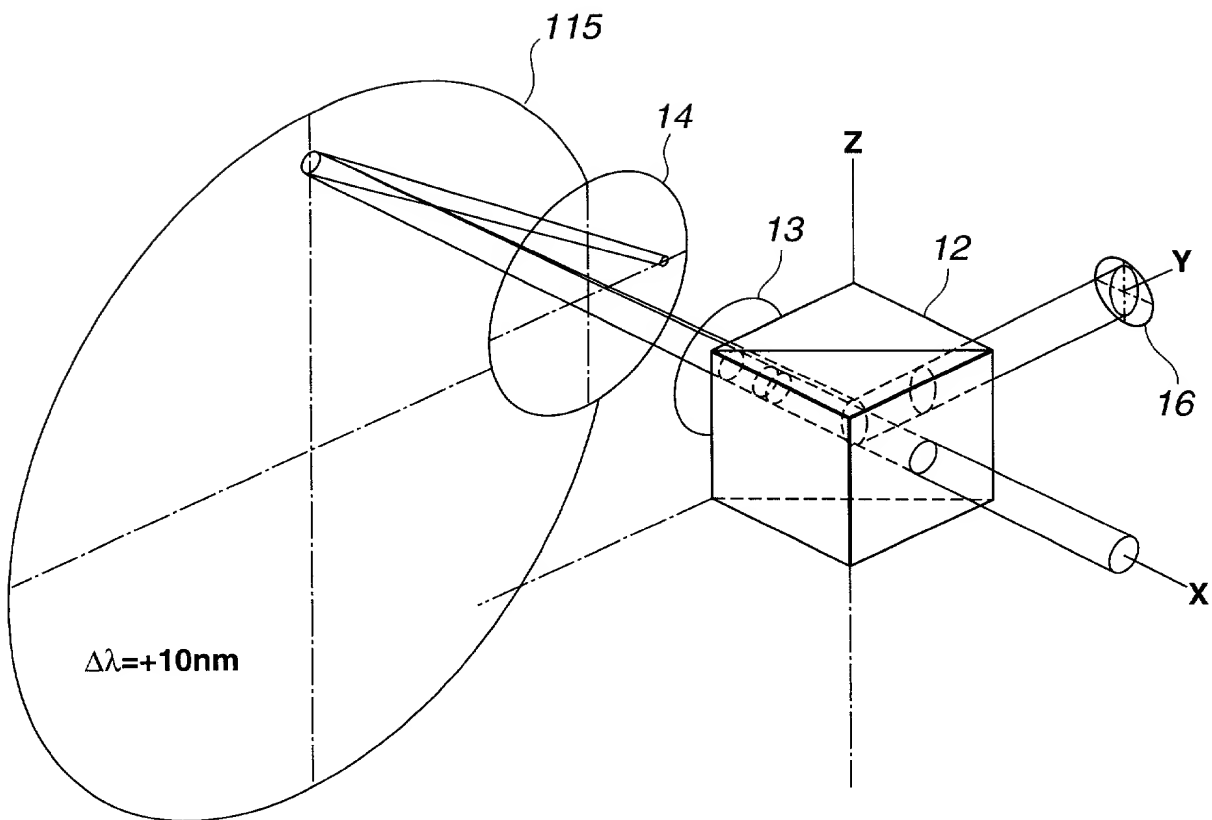
**FIG.14**



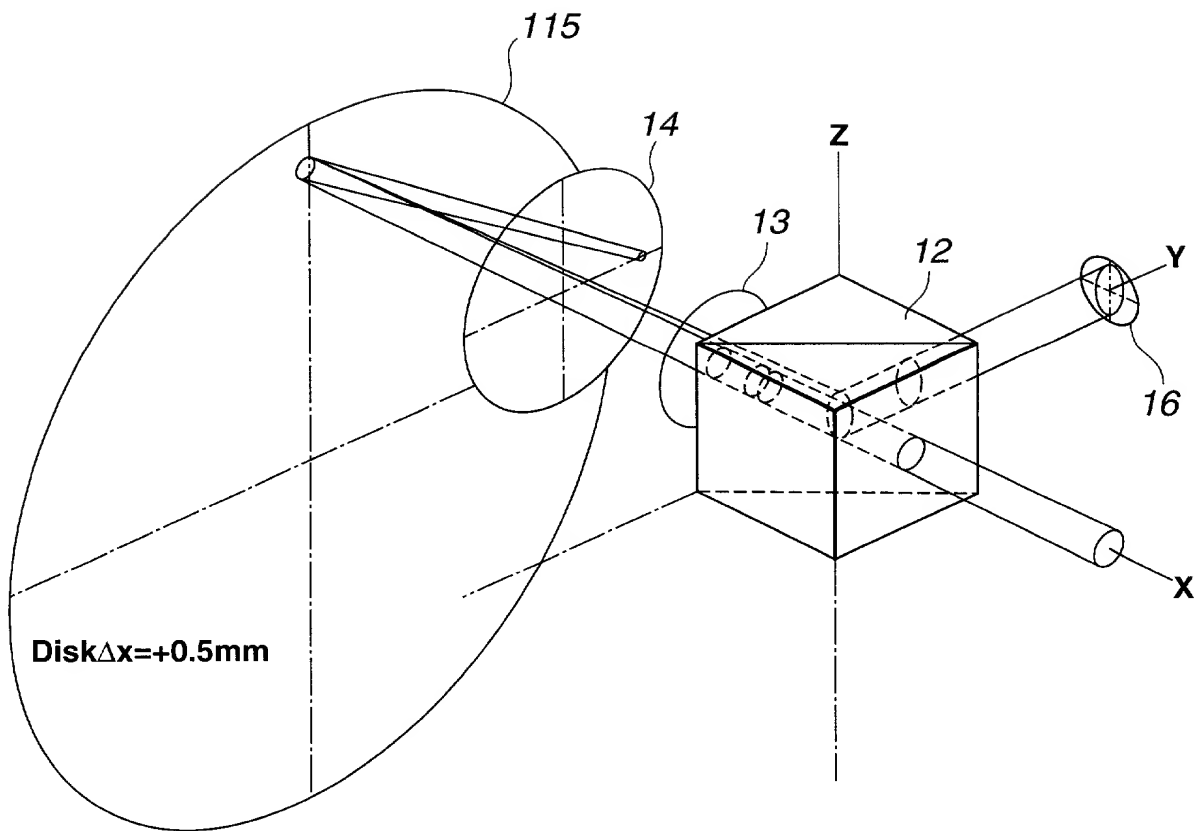
**FIG.15**



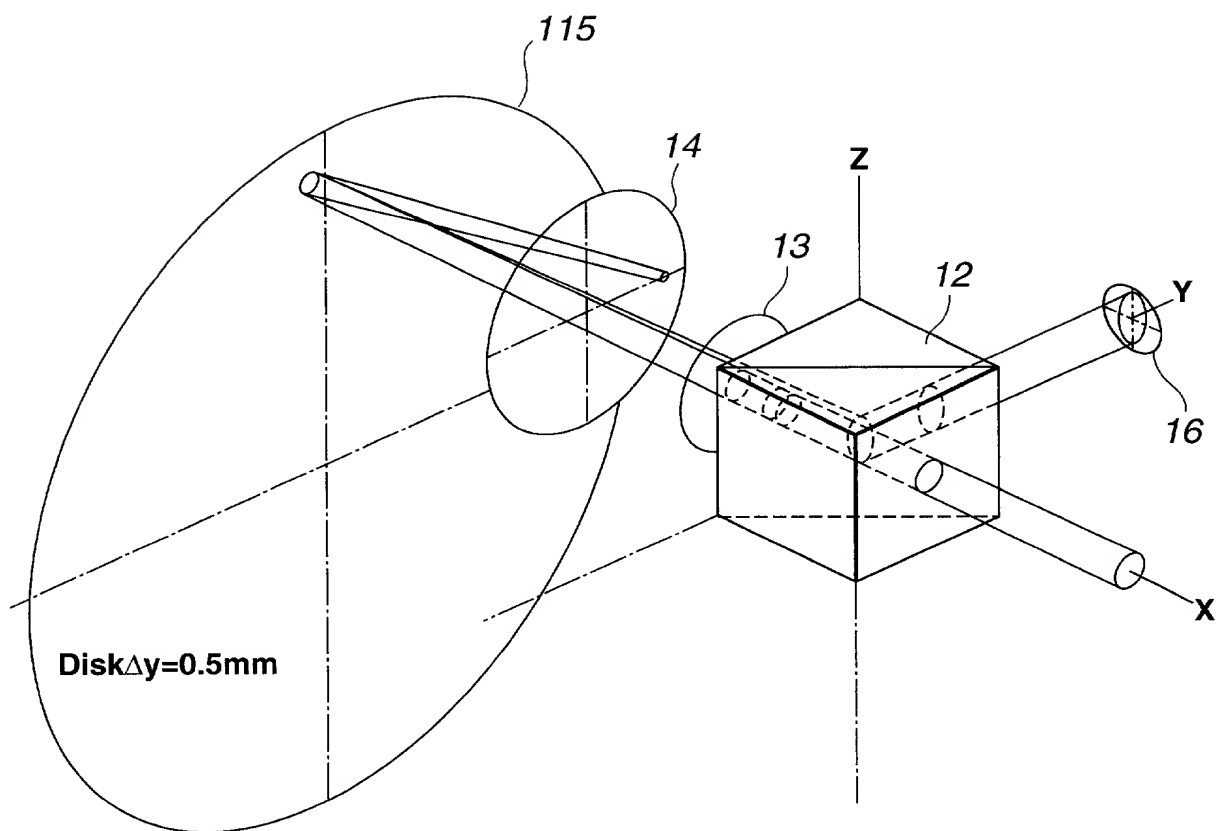
**FIG.16**



**FIG.17**

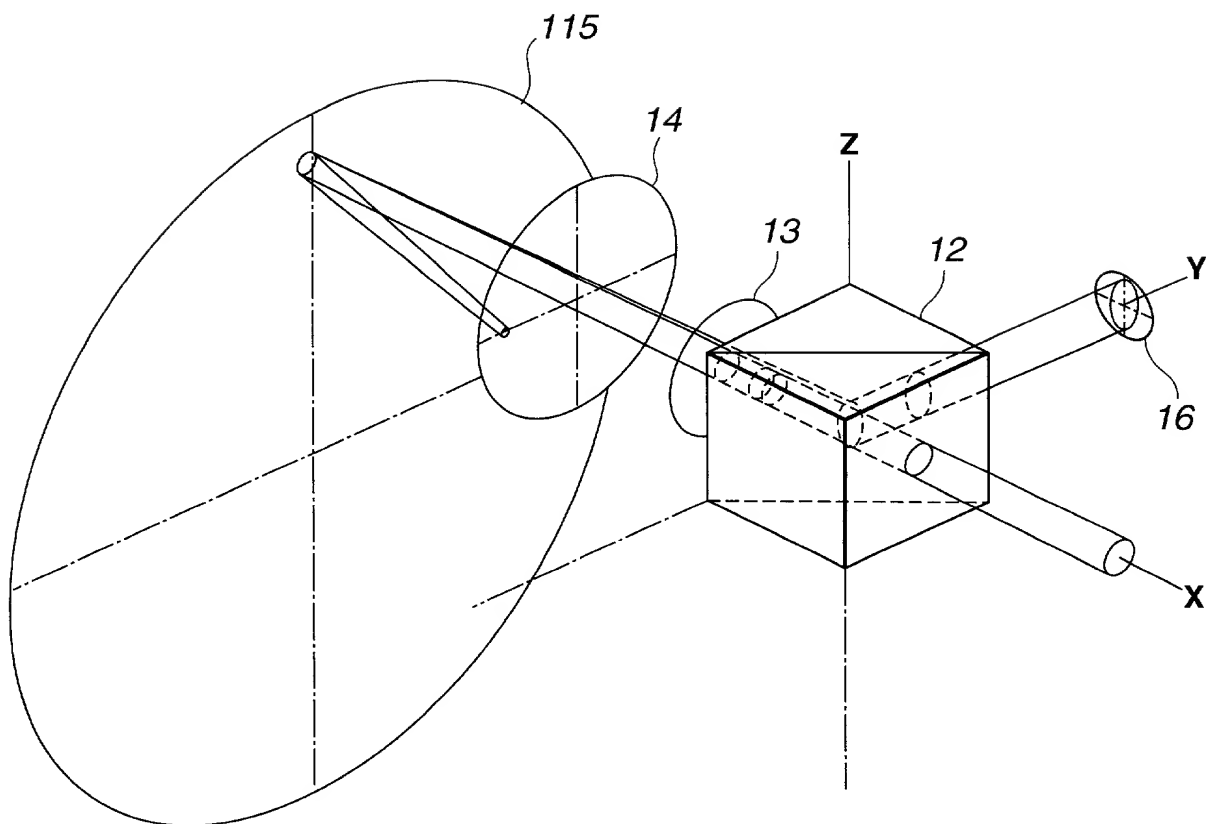


**FIG.18**

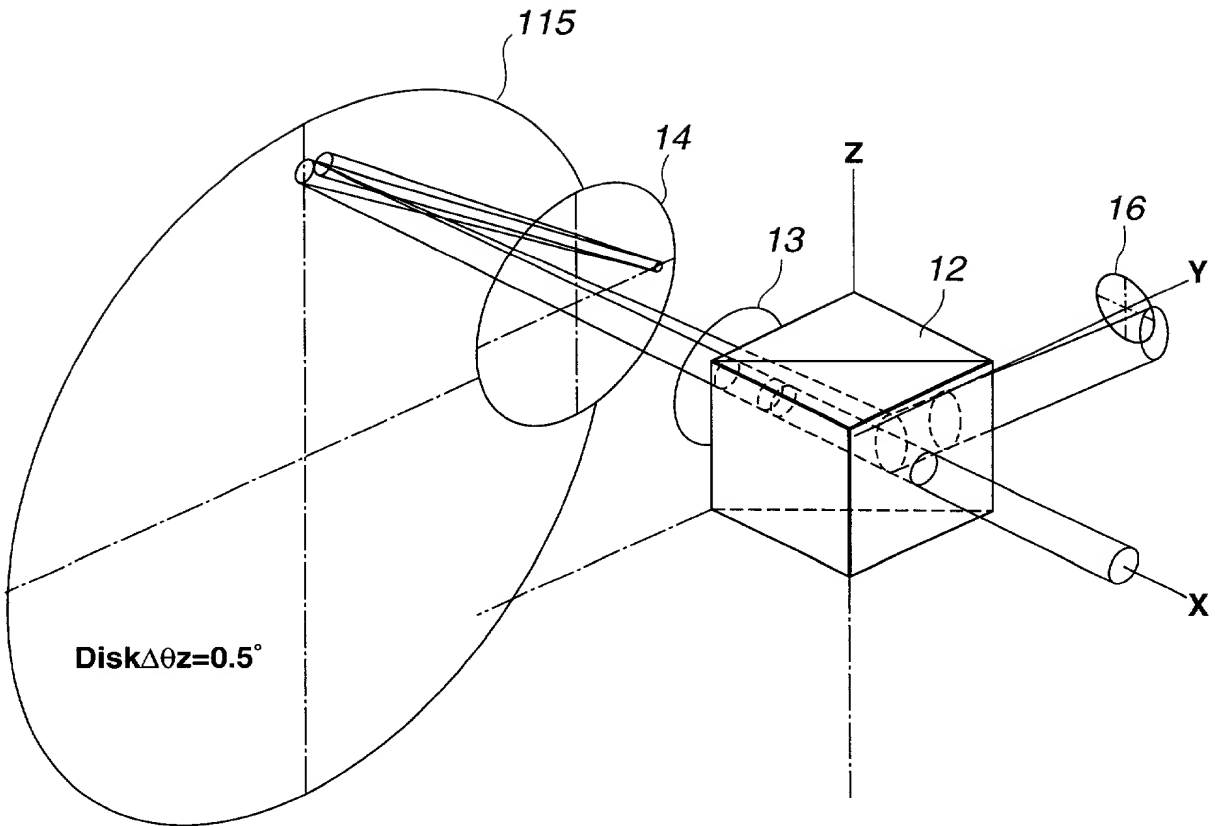


**FIG.19**

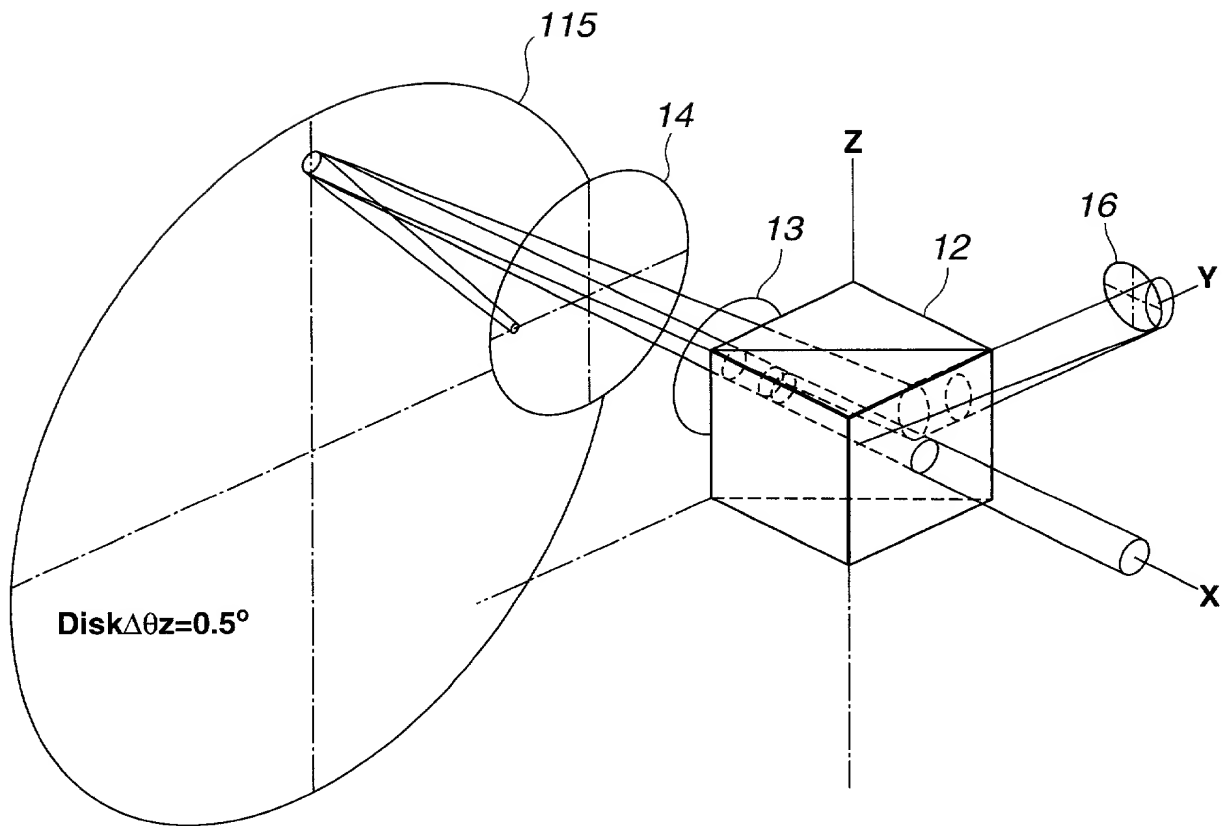




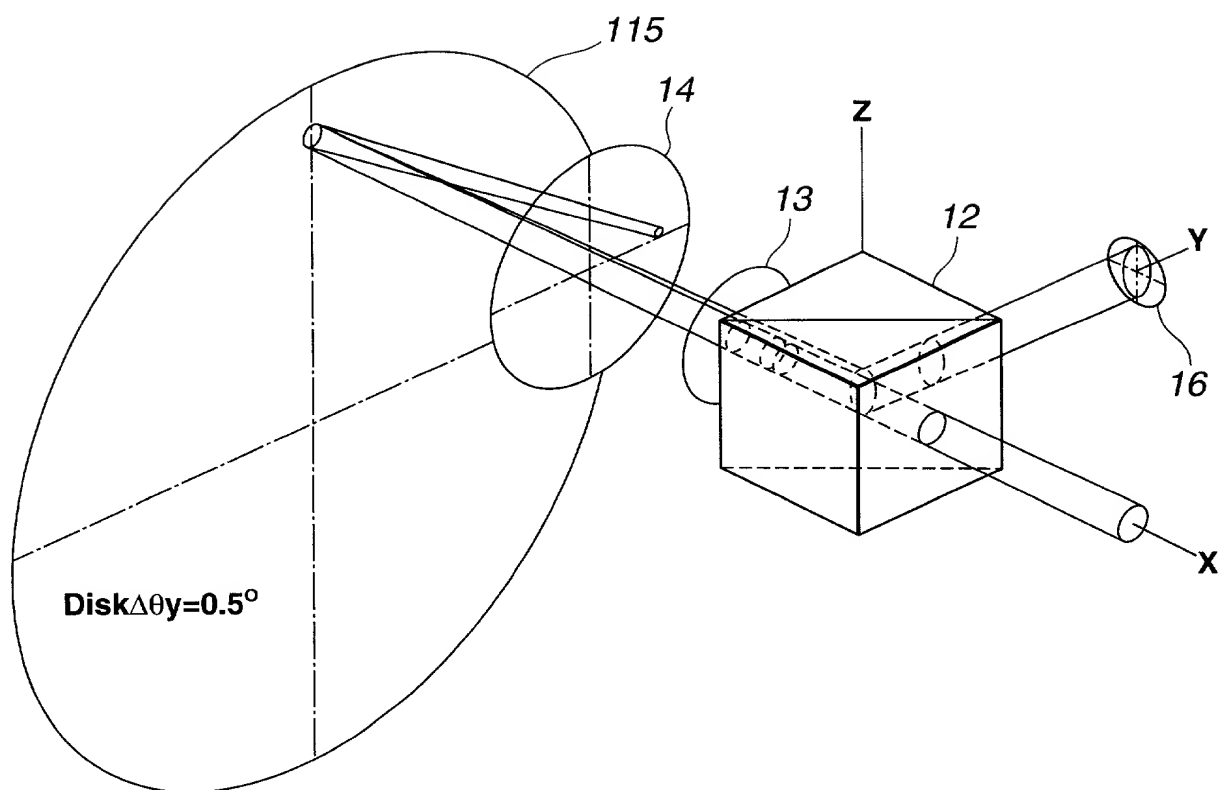
**FIG.20**



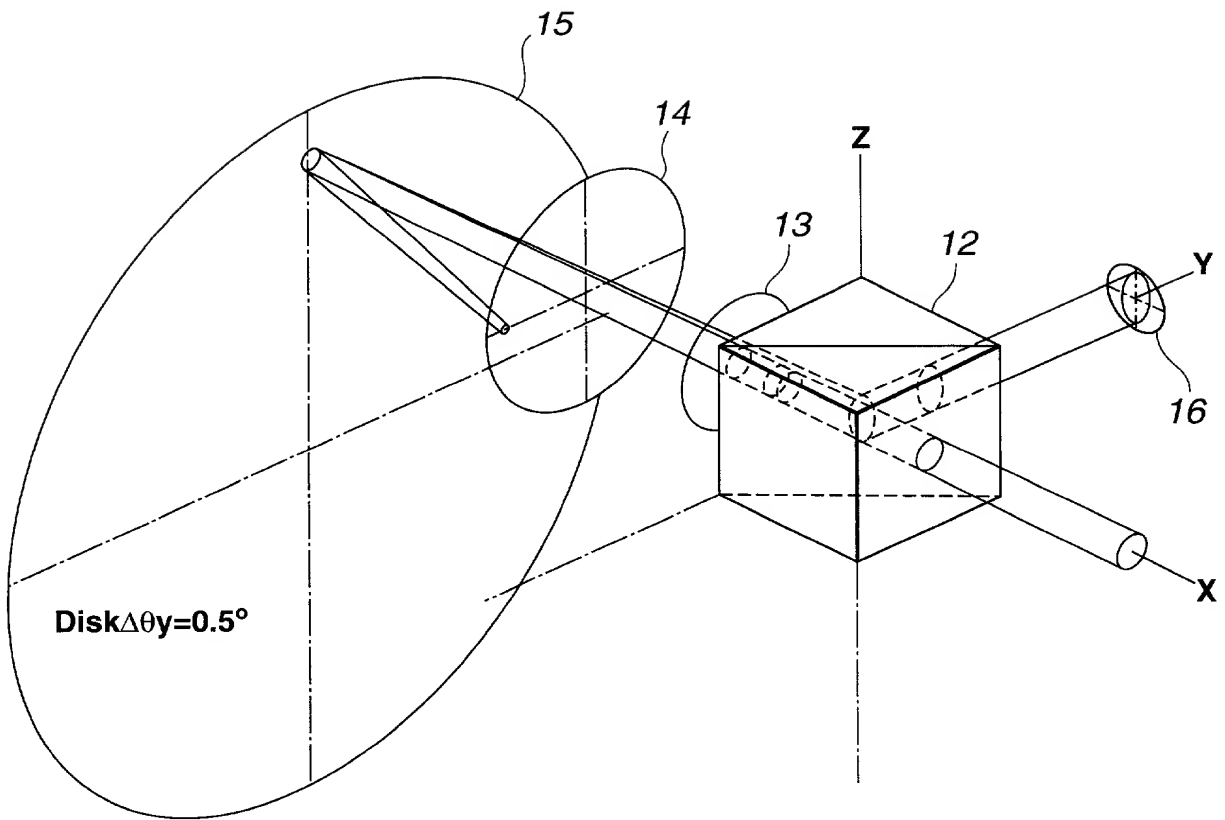
**FIG.21**



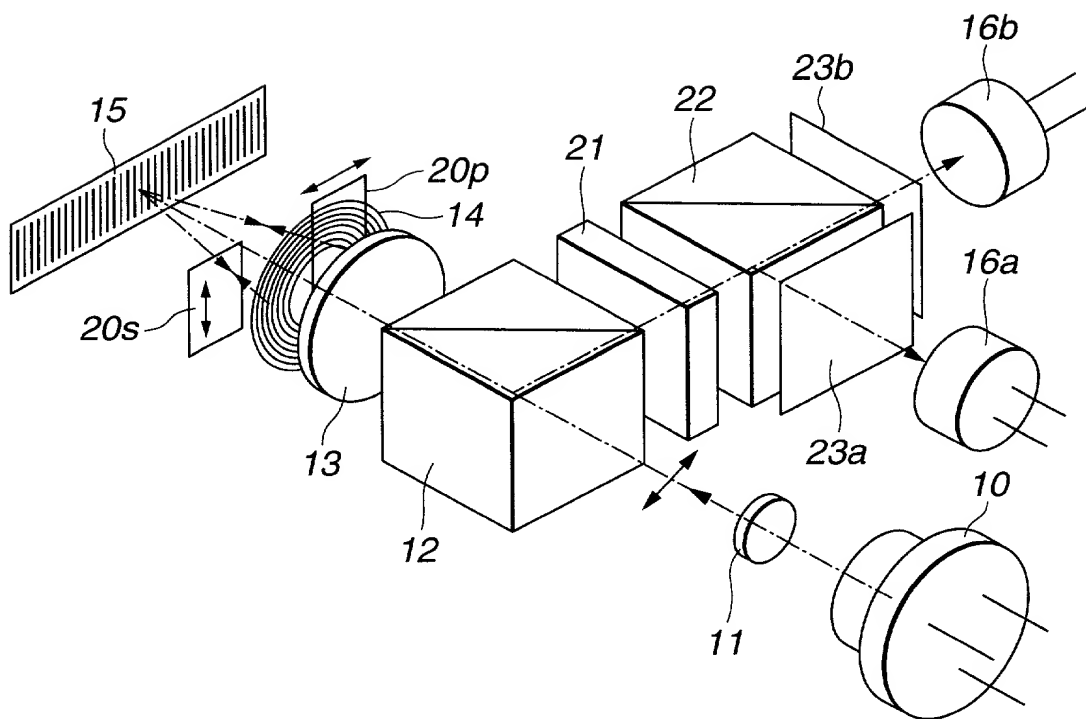
**FIG.22**



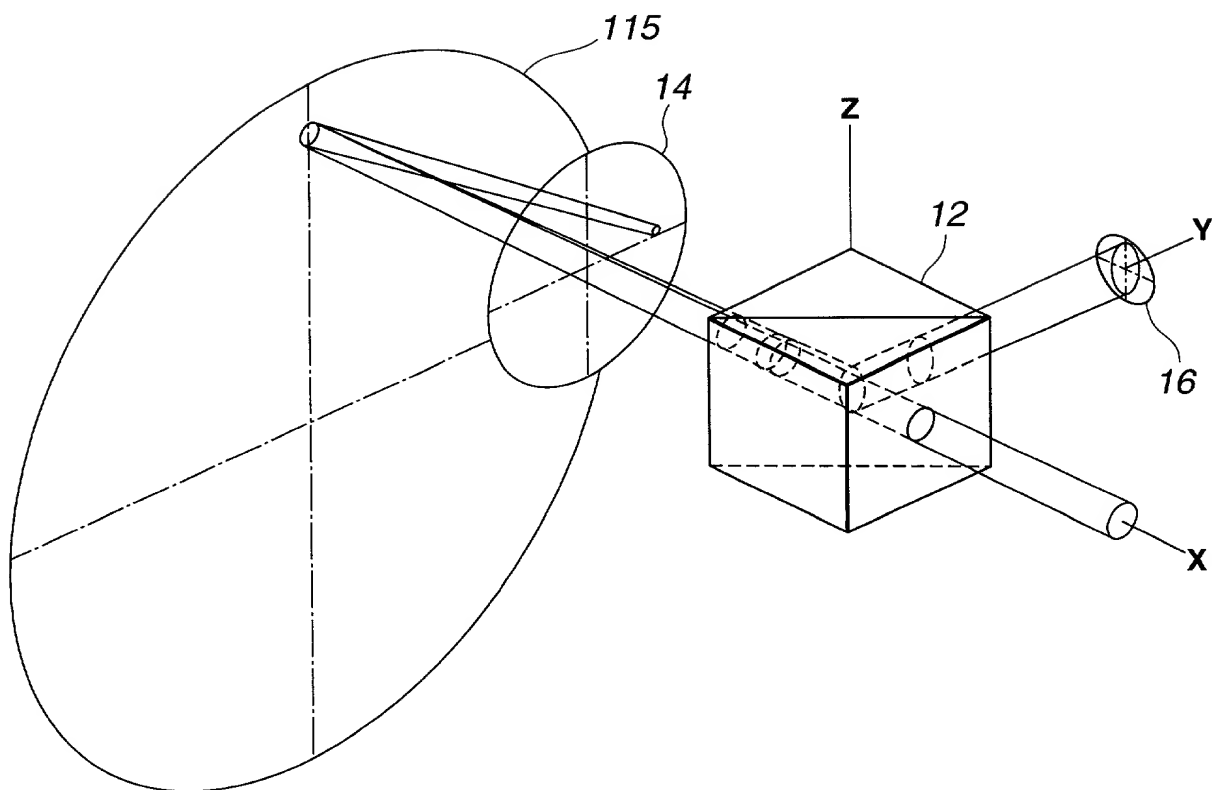
**FIG.23**



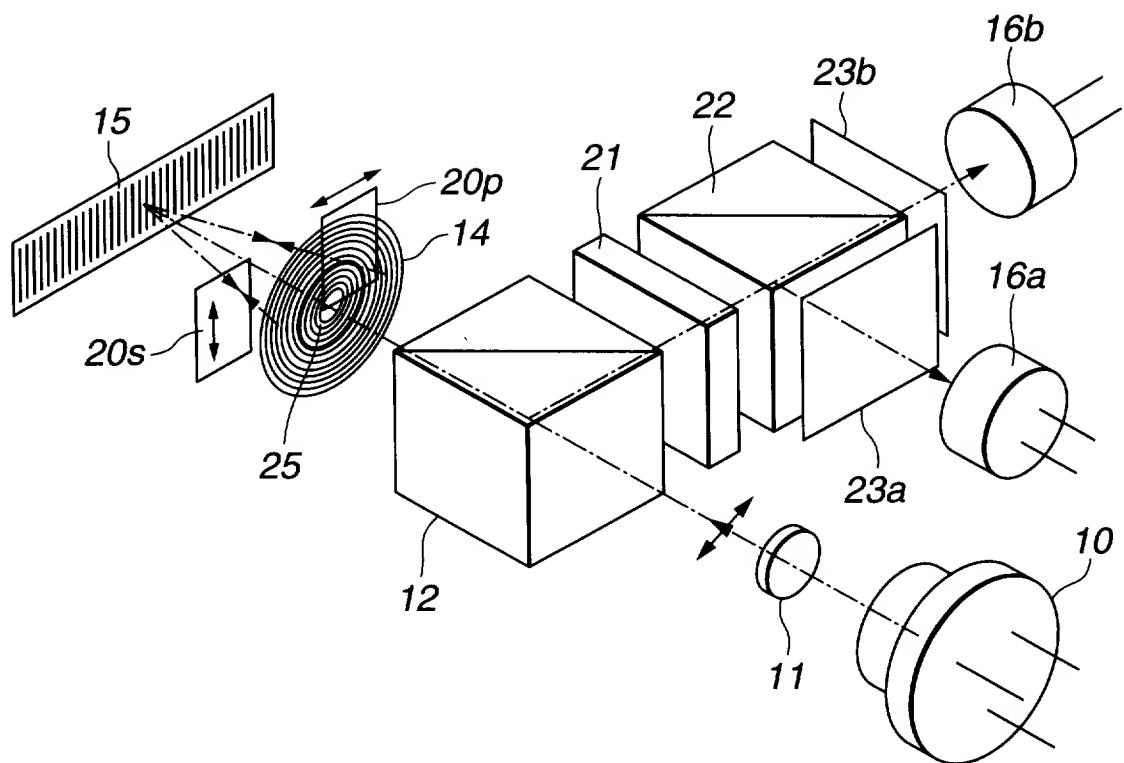
**FIG.24**



**FIG.25**

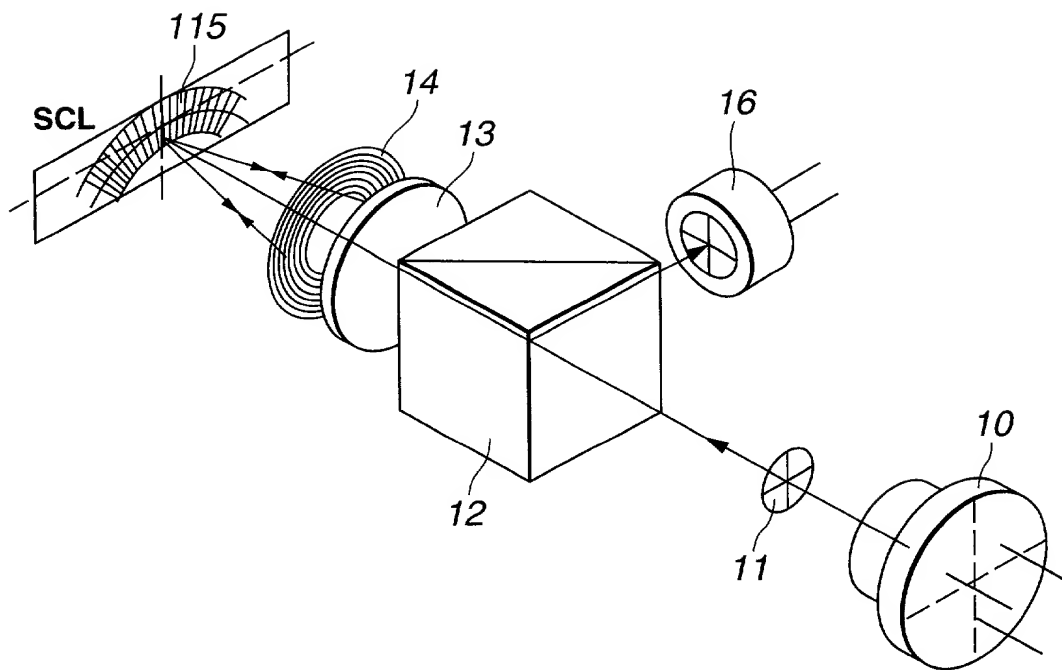


**FIG.26**

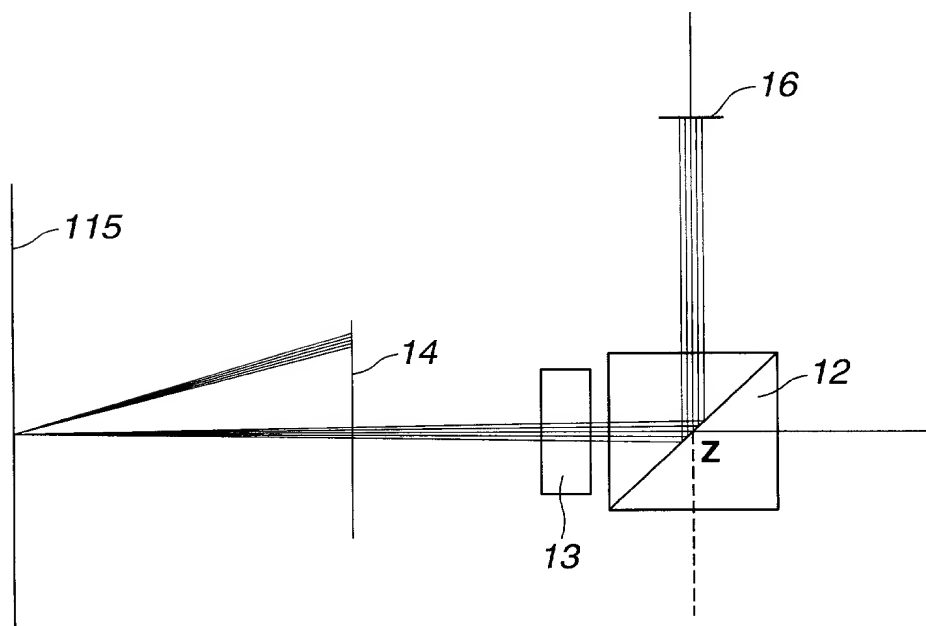


**FIG.27**

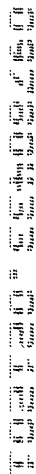


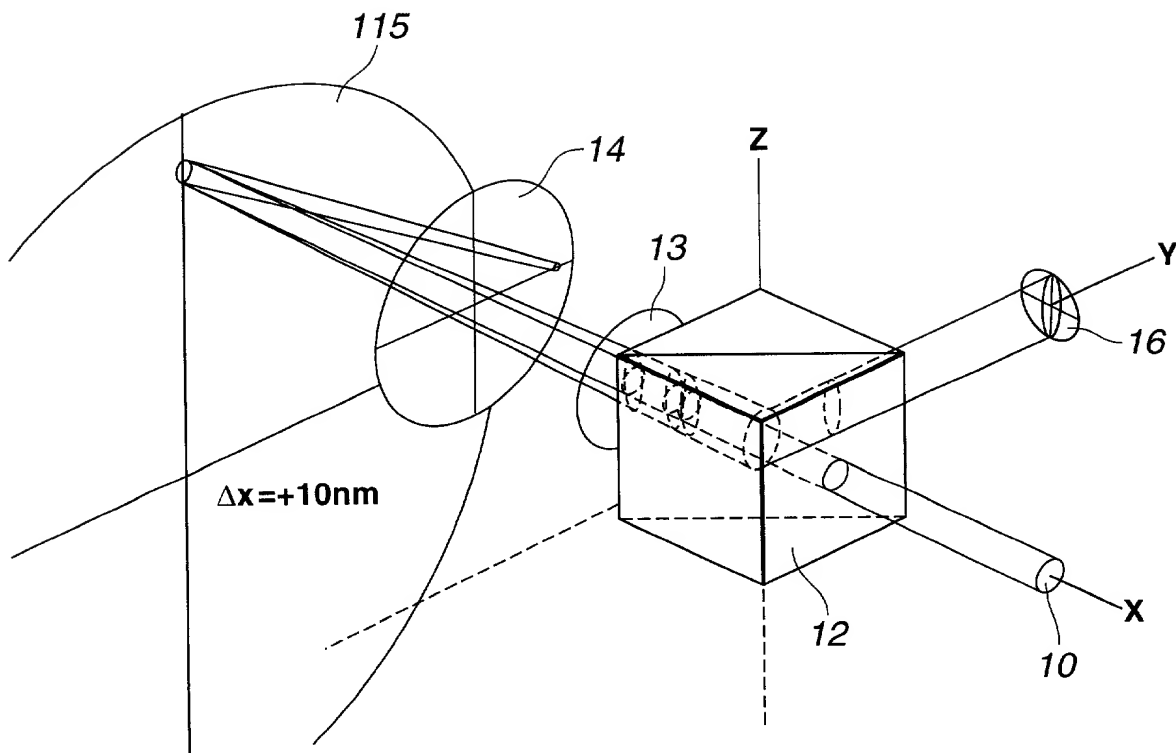


**FIG.28(a)**

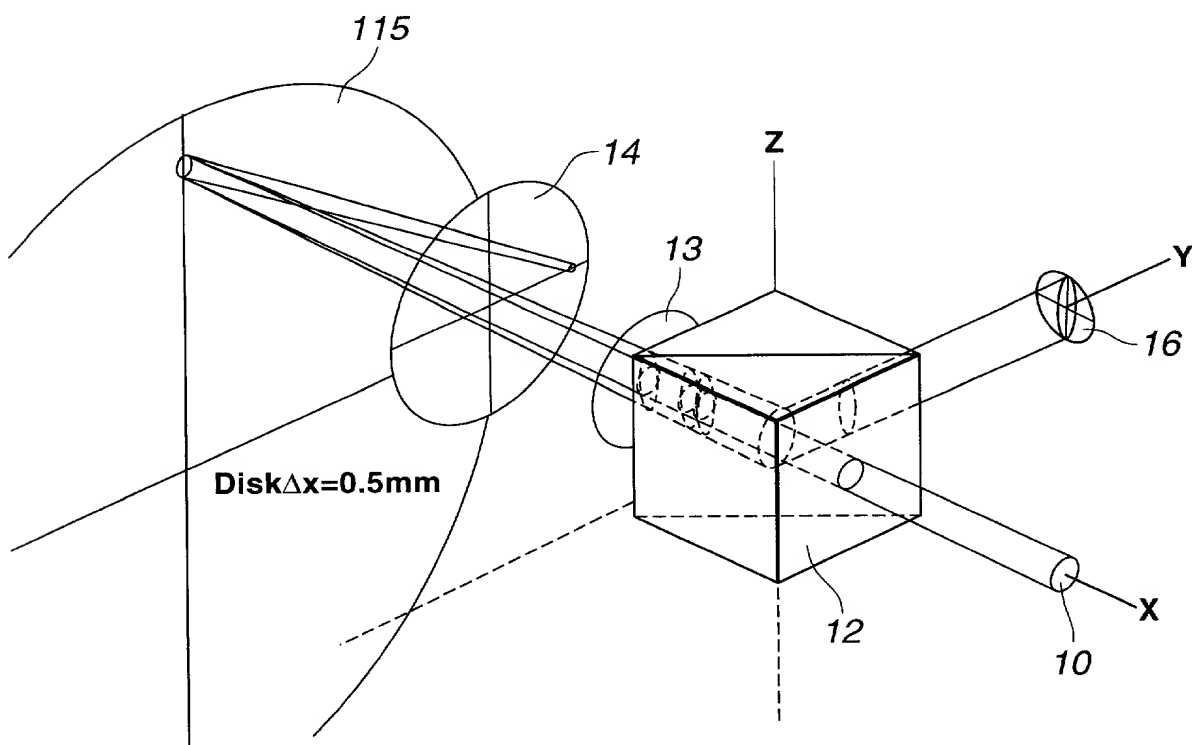


**FIG.28(b)**

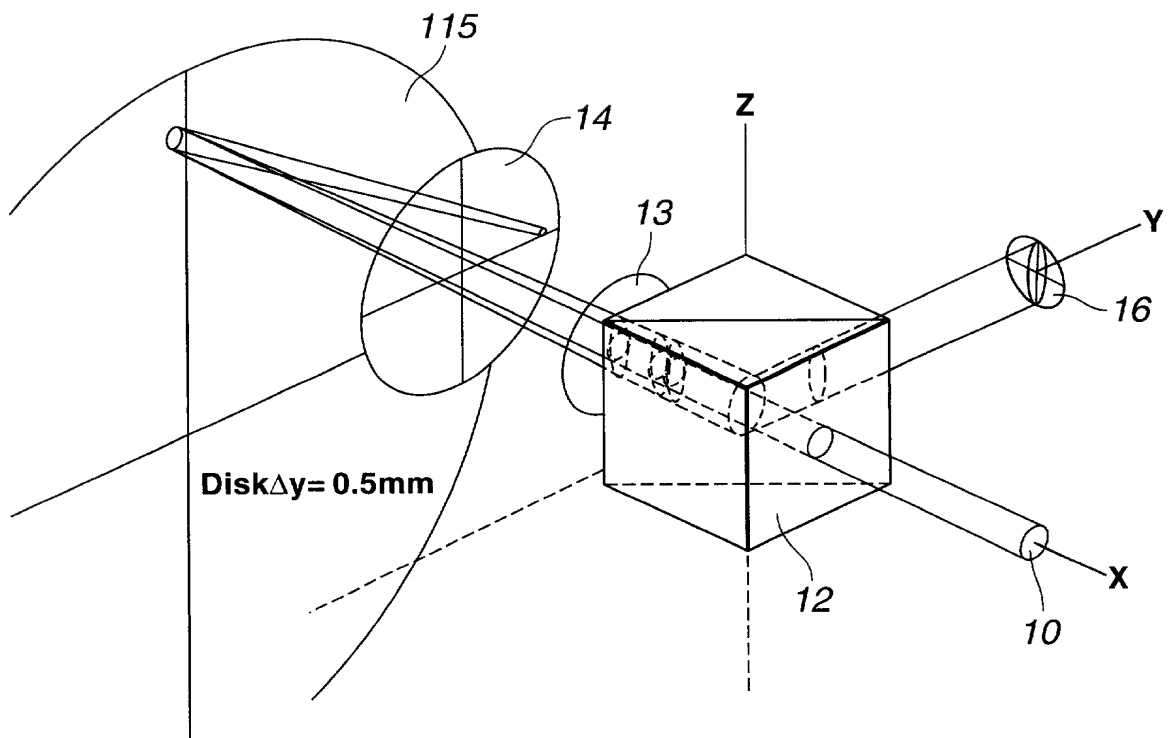
[illegible]



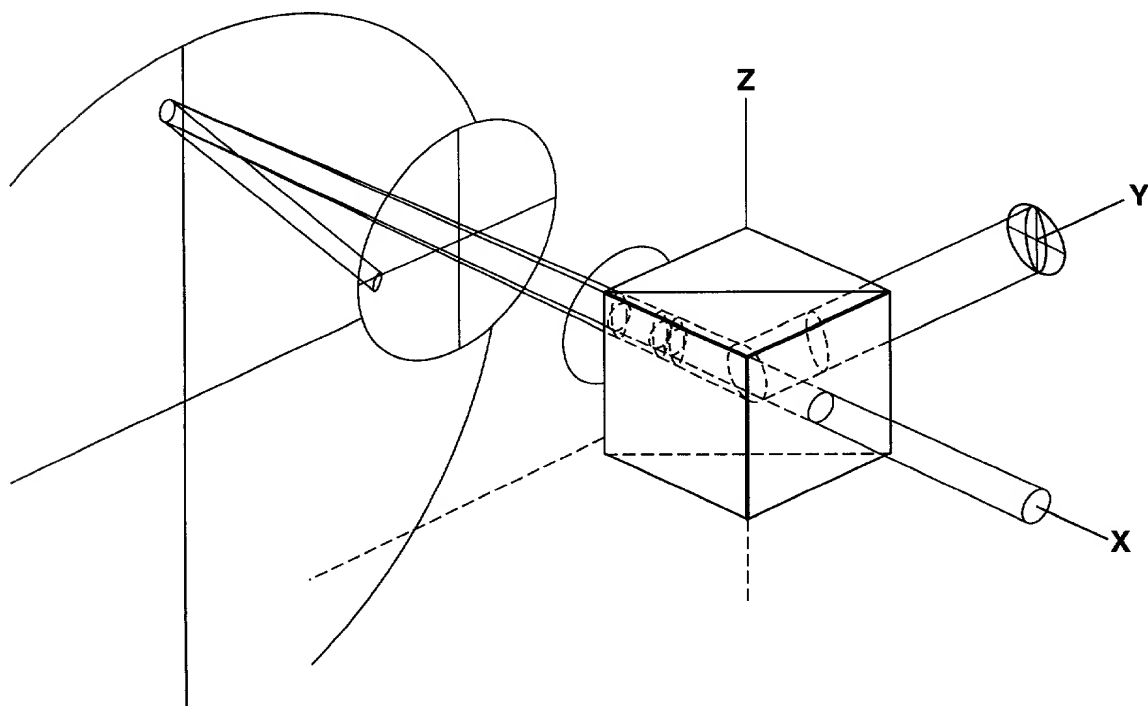
**FIG.29**



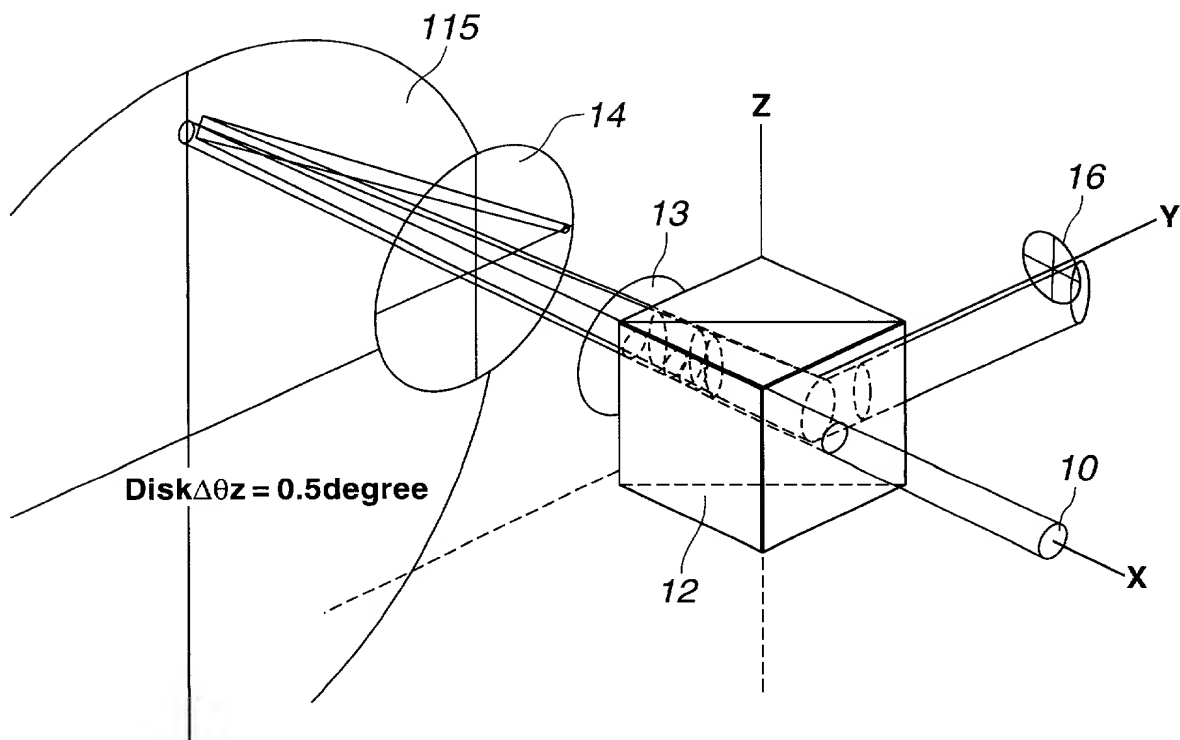
**FIG.30**



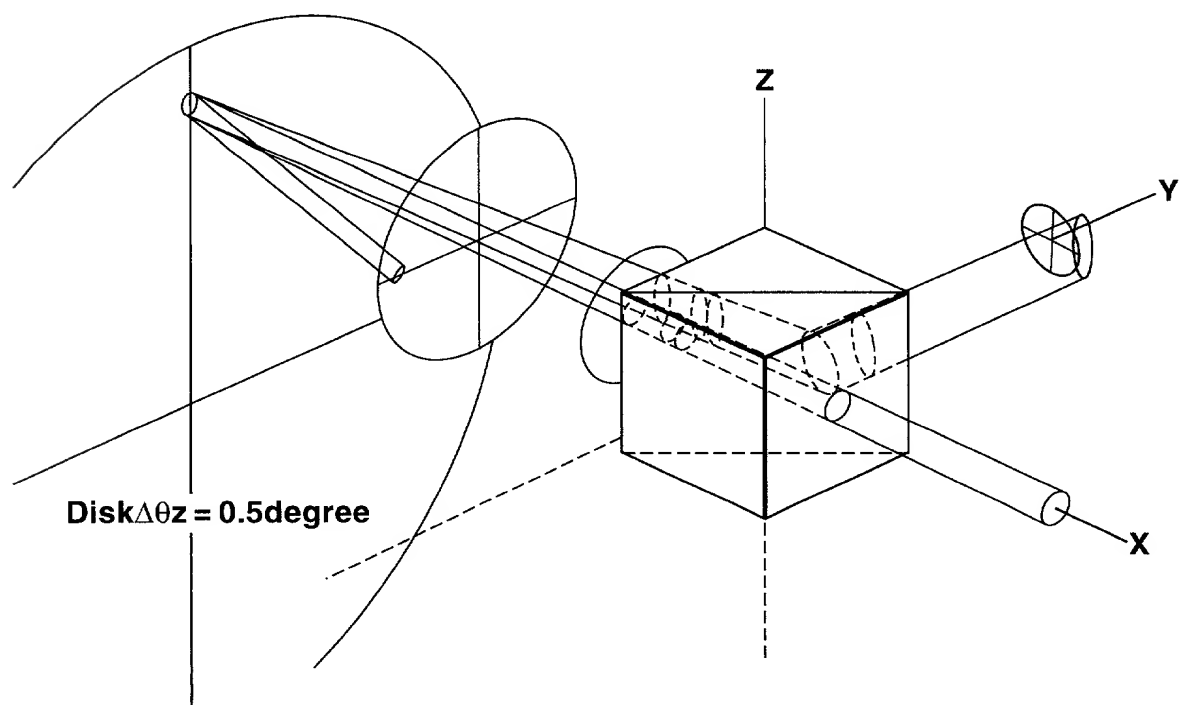
**FIG.31(a)**



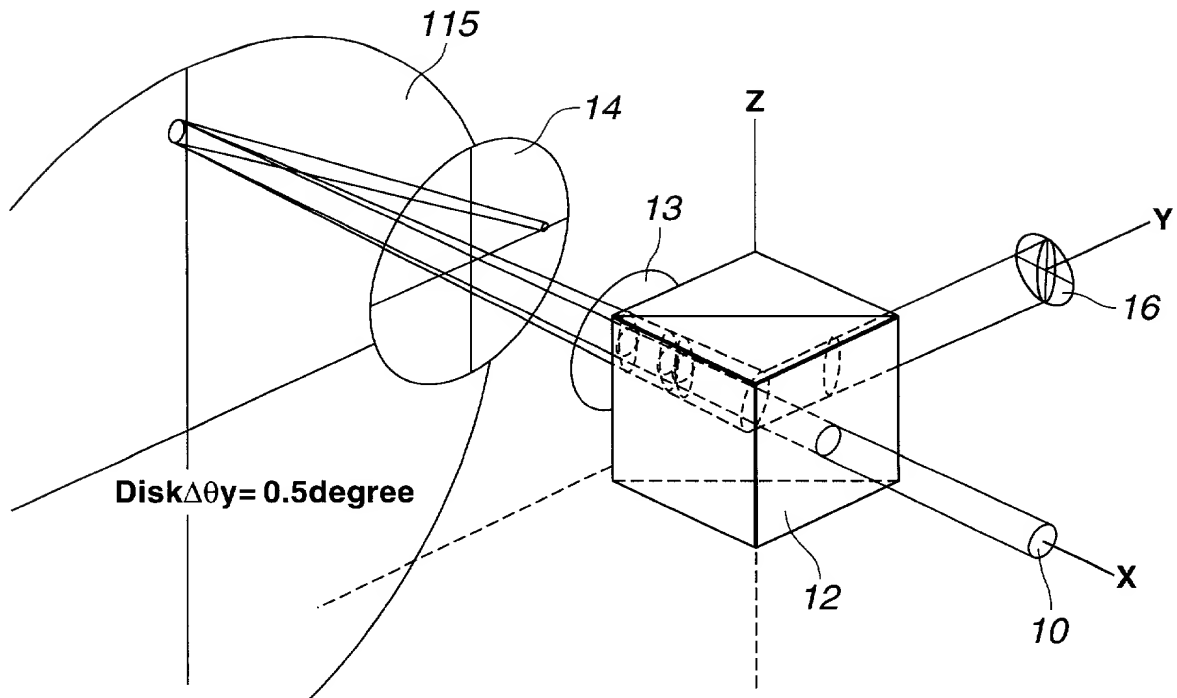
**FIG.31(b)**



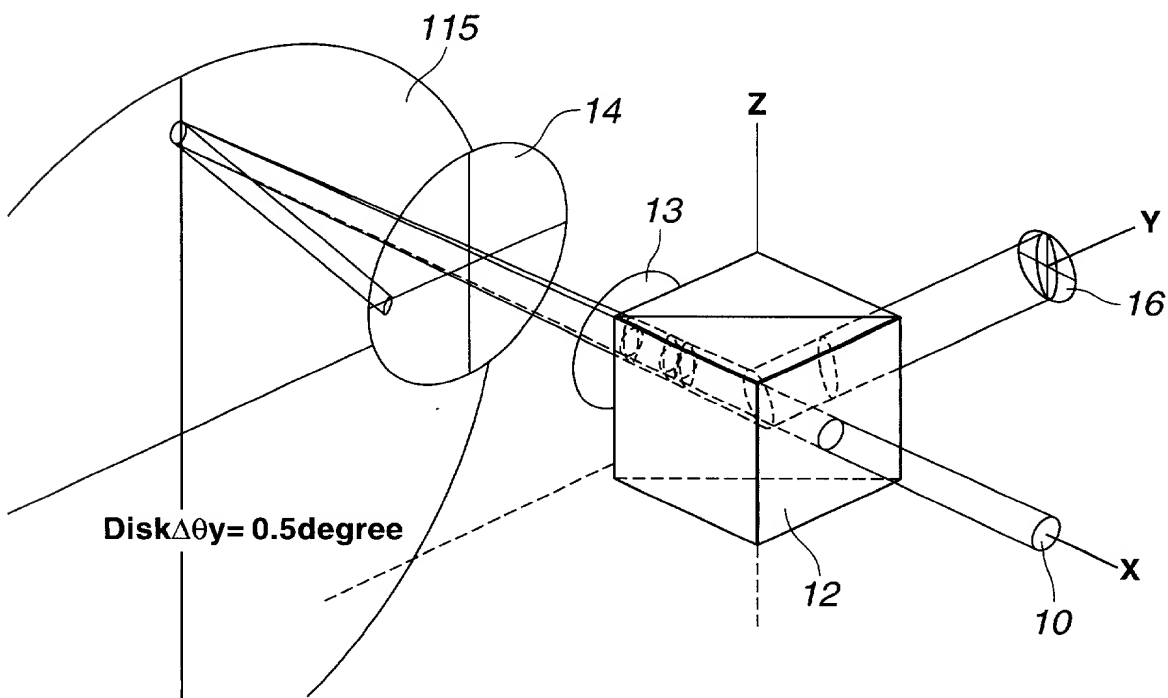
**FIG.32(a)**



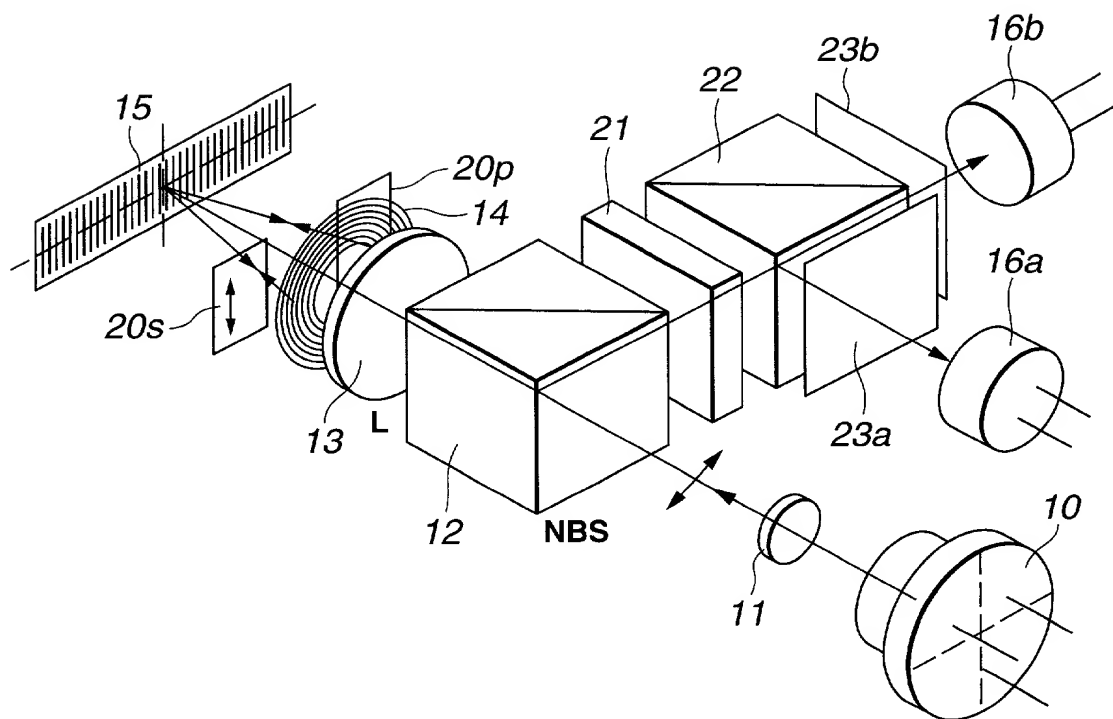
**FIG.32(b)**



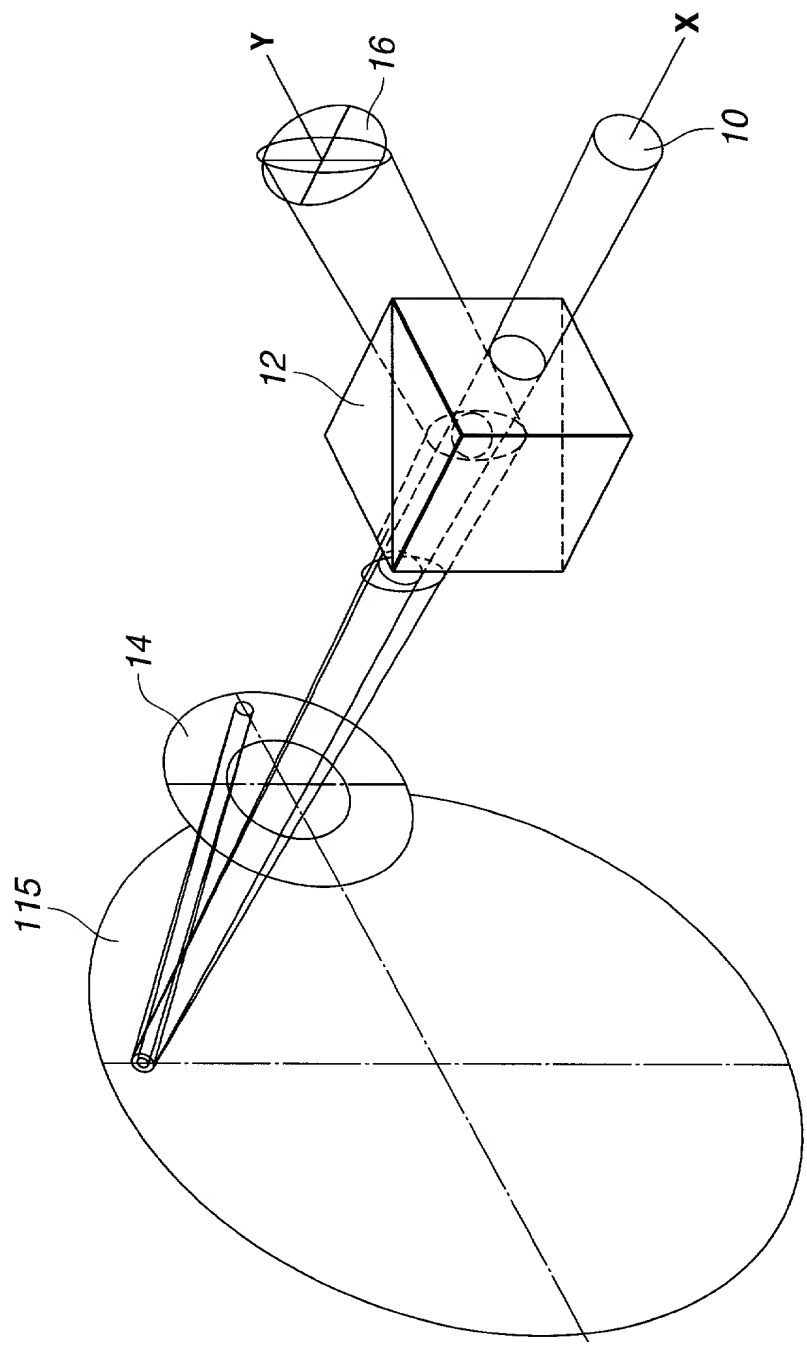
**FIG.33(a)**



**FIG.33(b)**

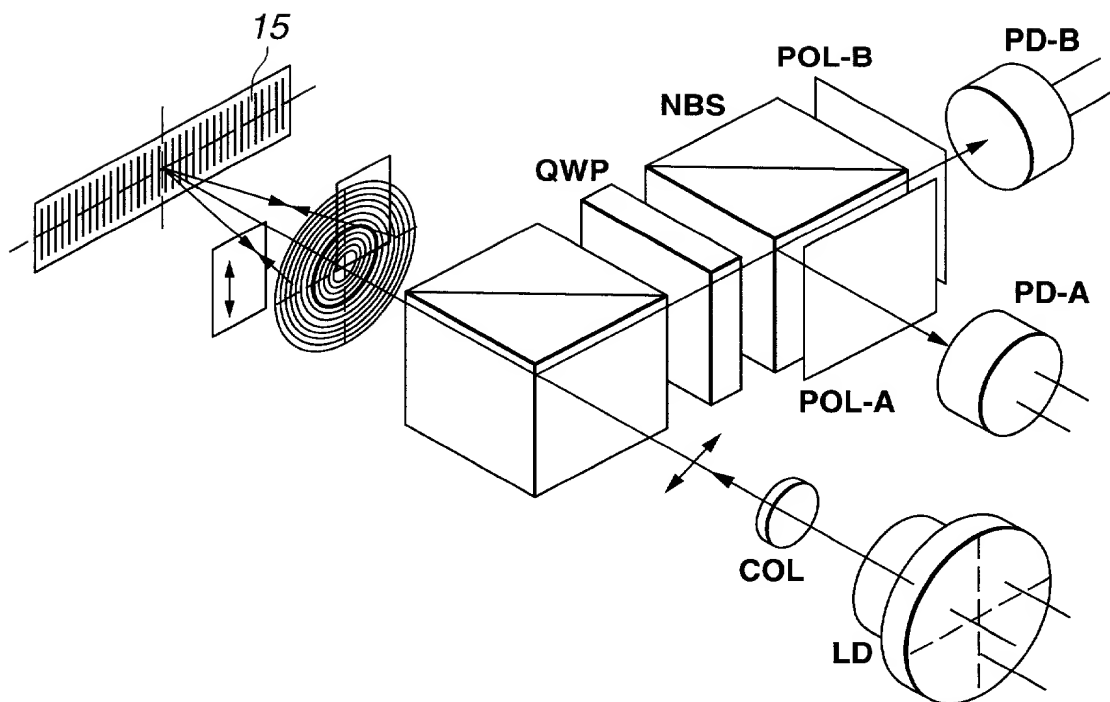


**FIG.34**

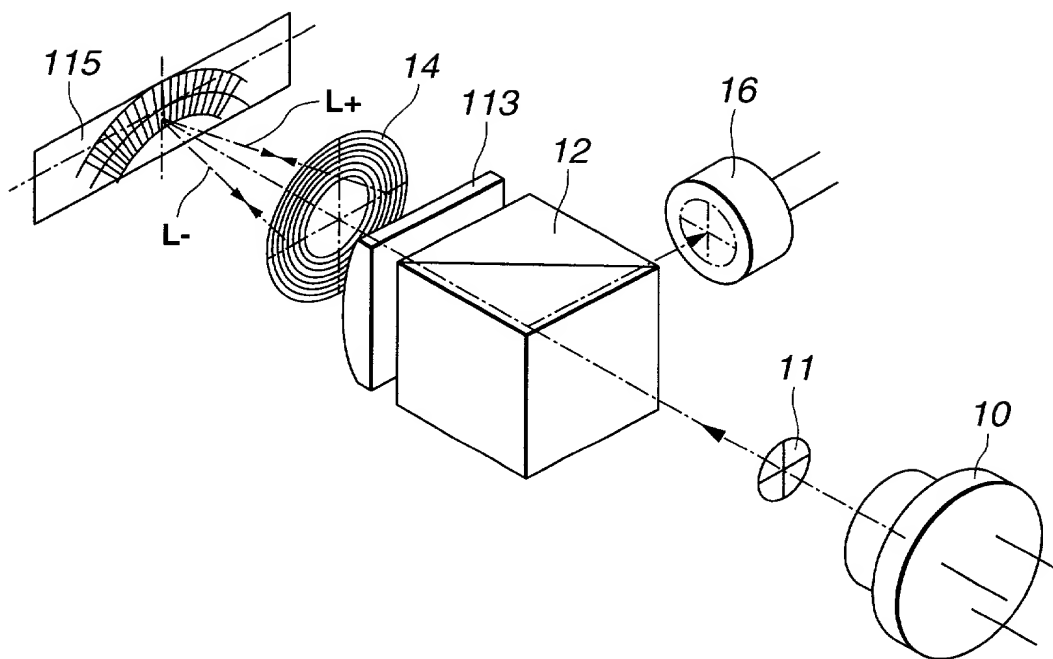


**FIG. 35**

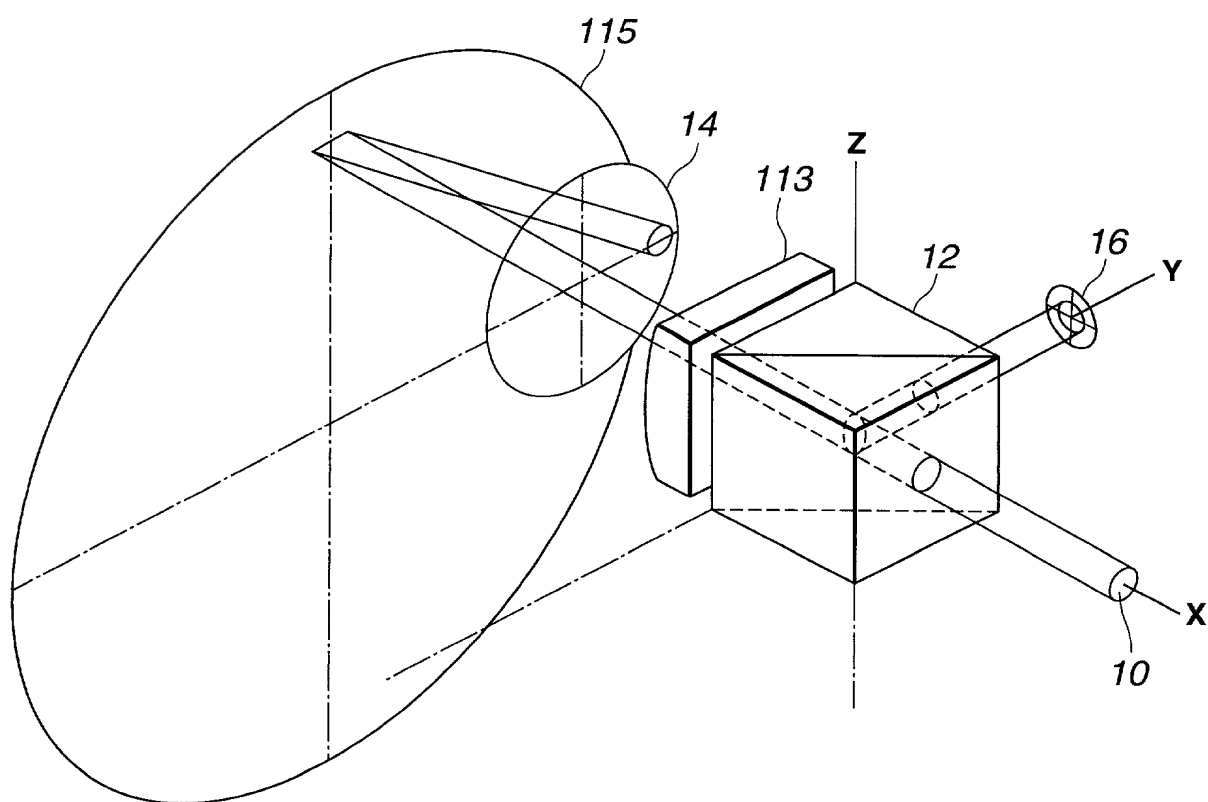




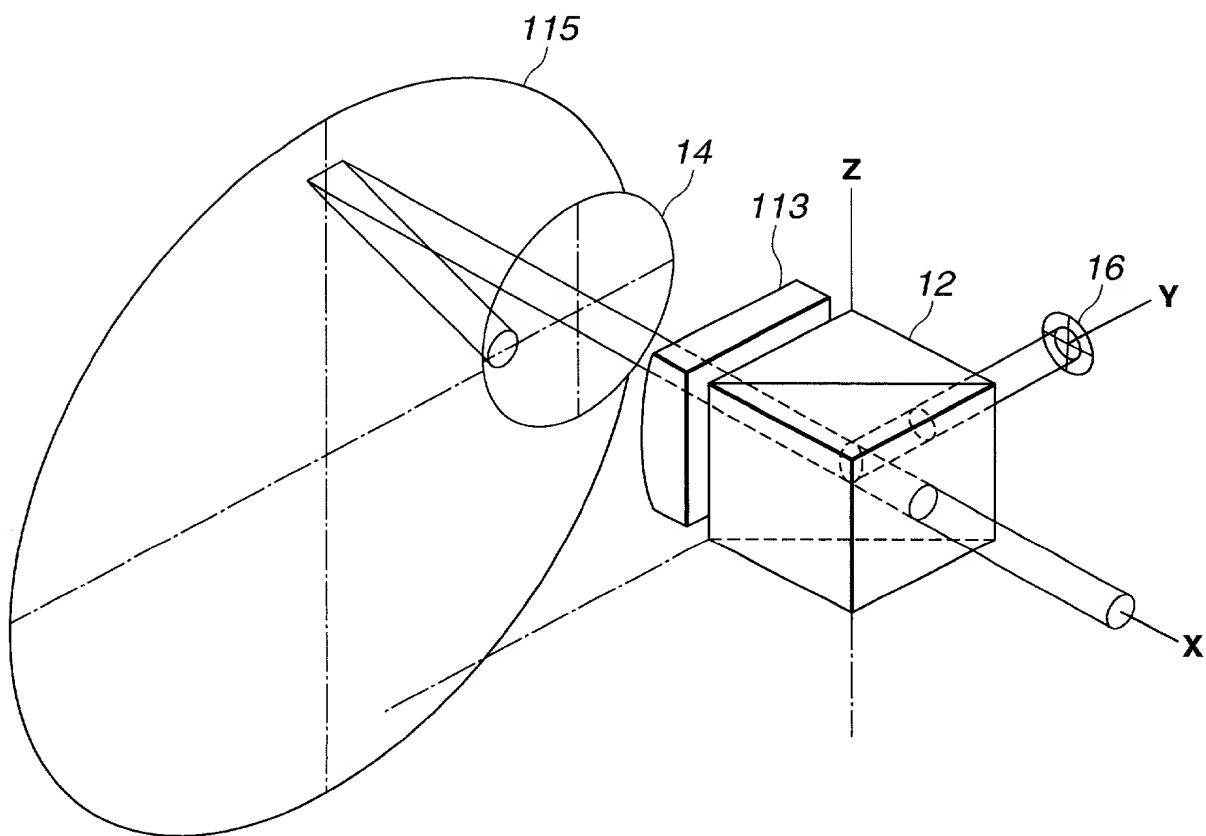
**FIG.36**



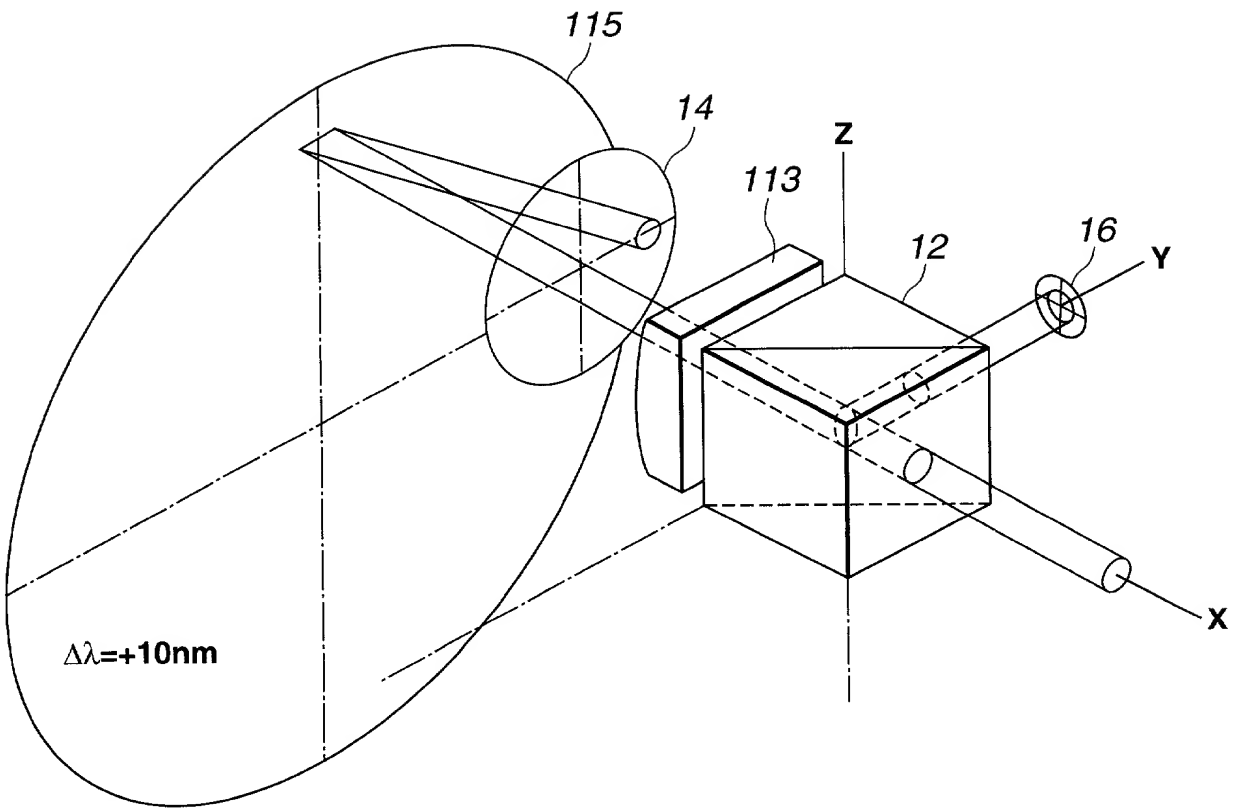
**FIG.37**



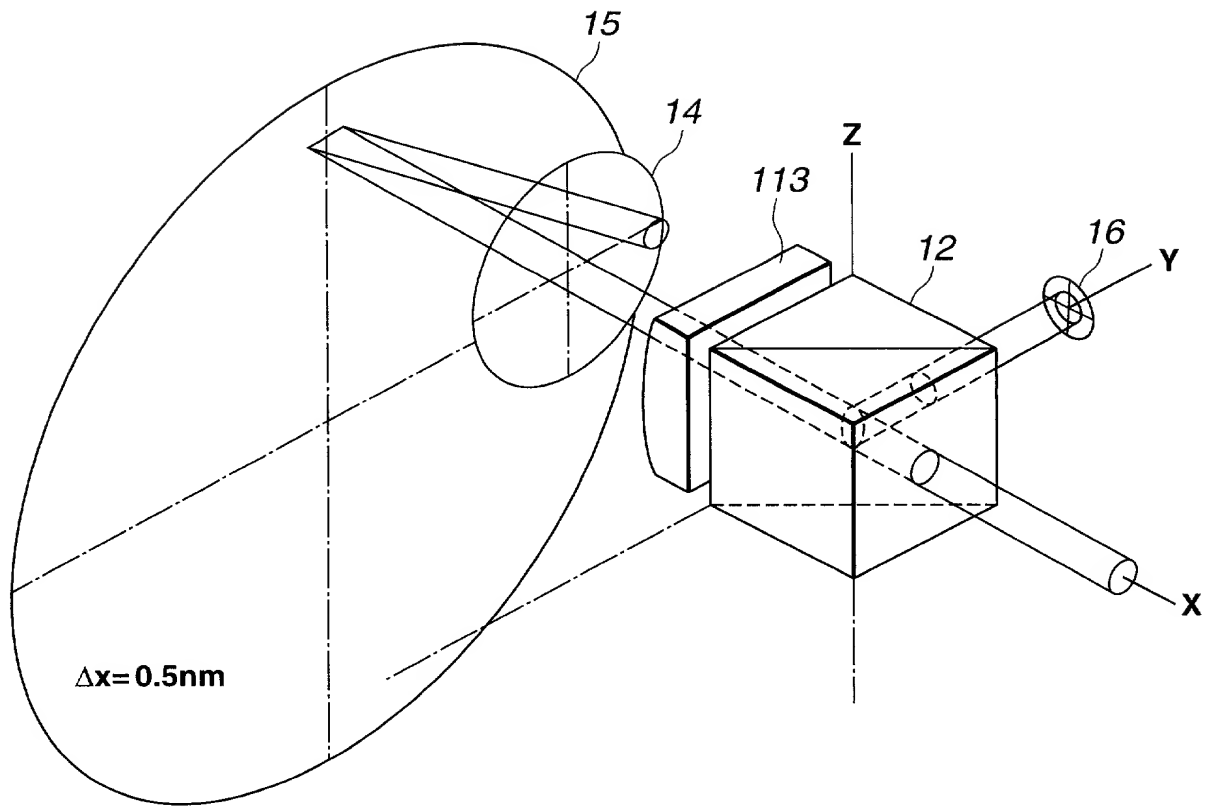
**FIG.38**



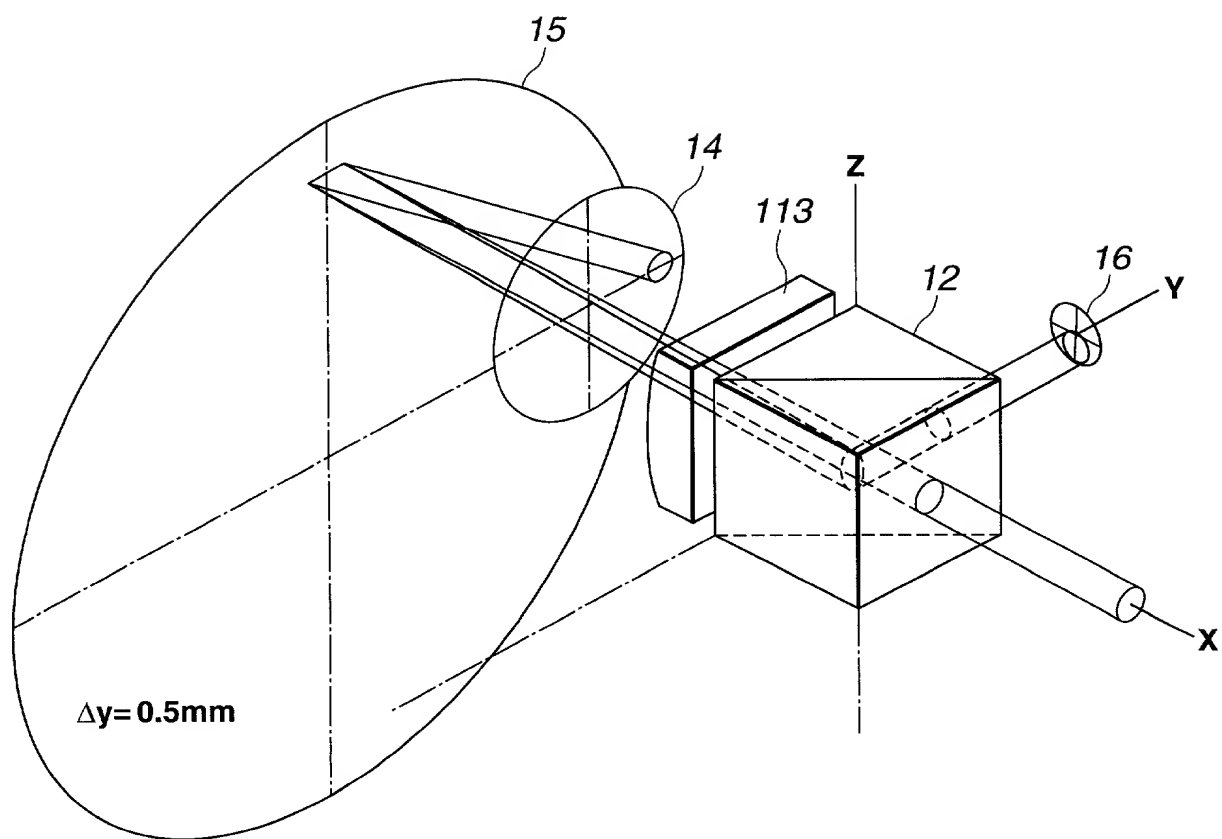
**FIG.39**



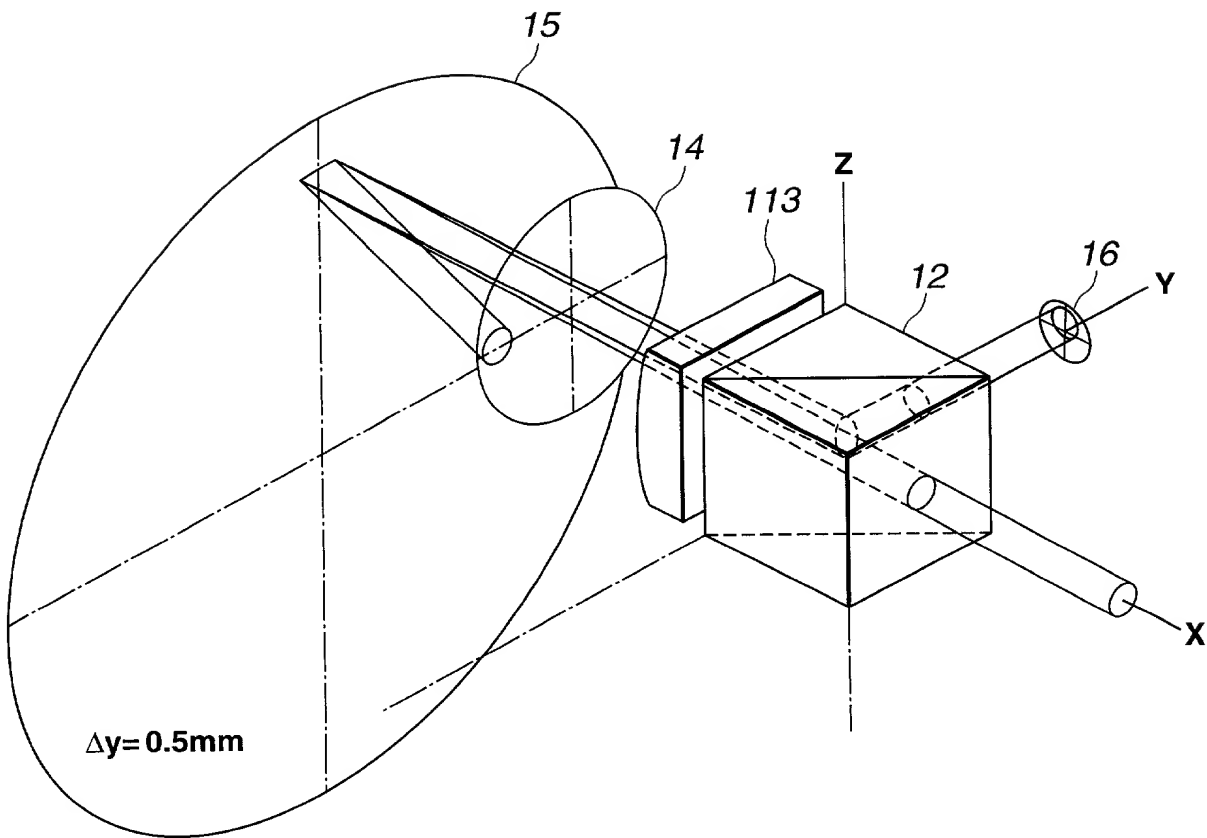
**FIG.40**



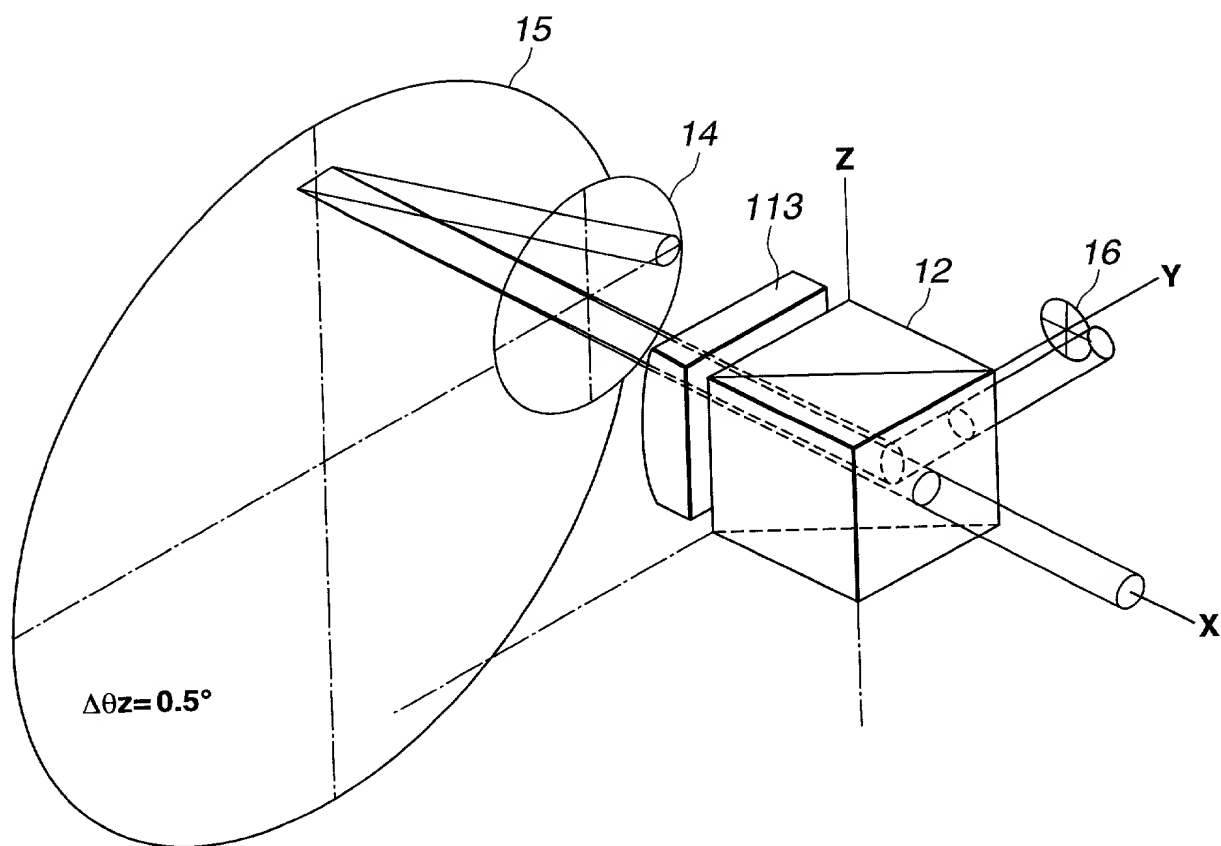
**FIG.41**



**FIG.42**

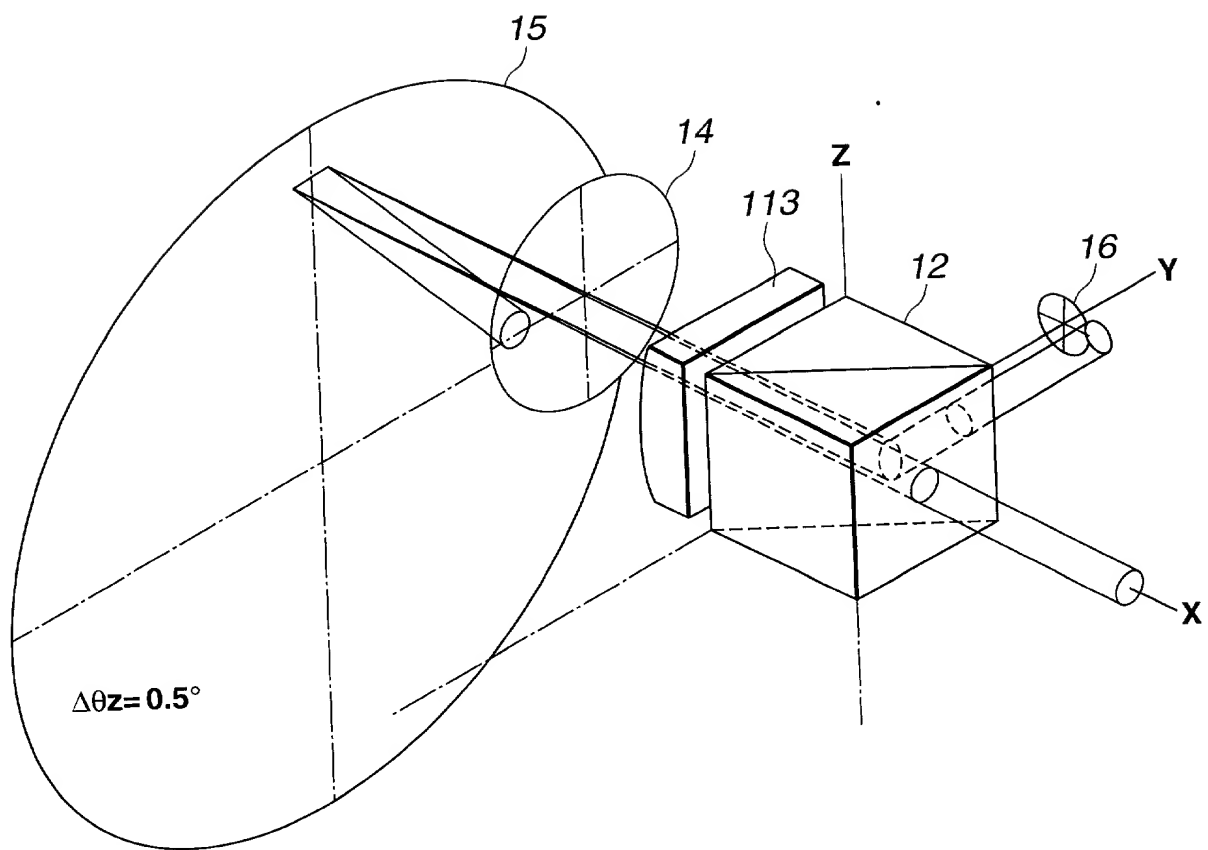


**FIG.43**

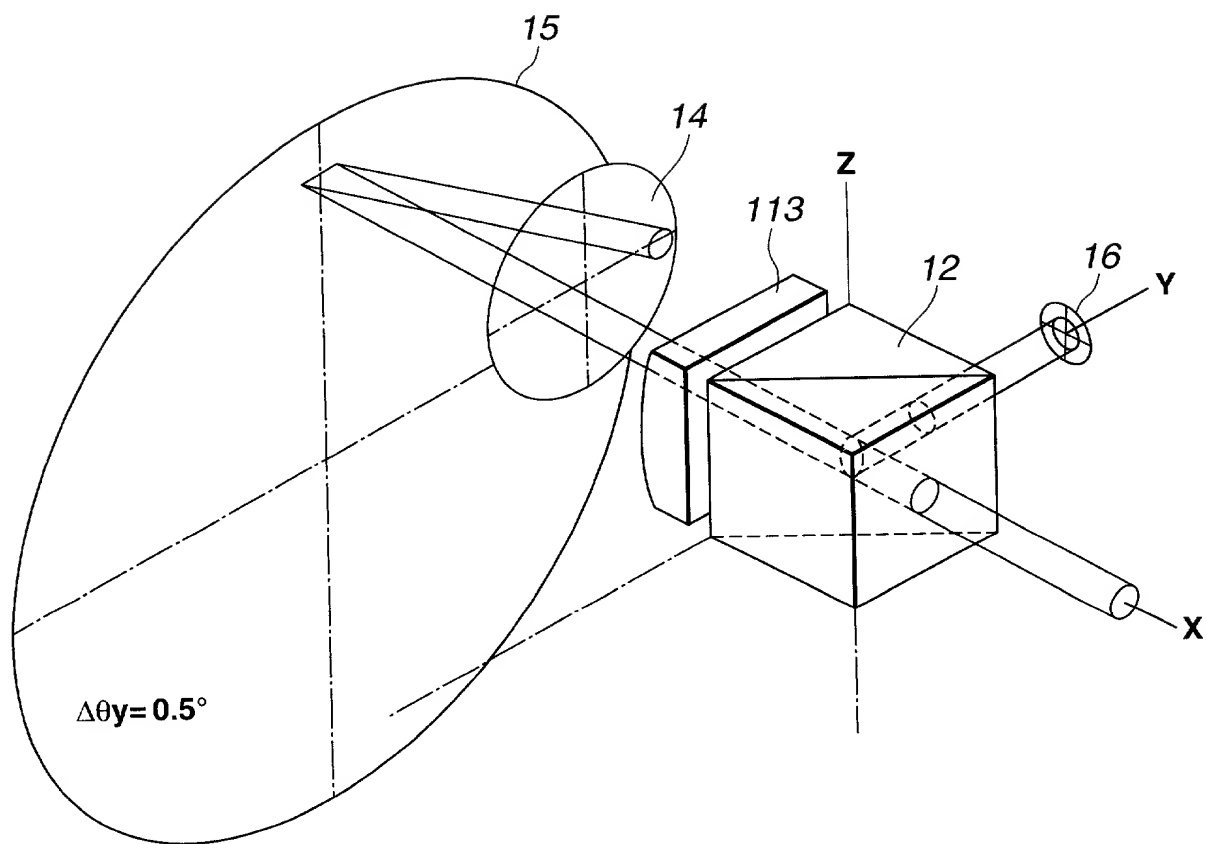


**FIG.44**

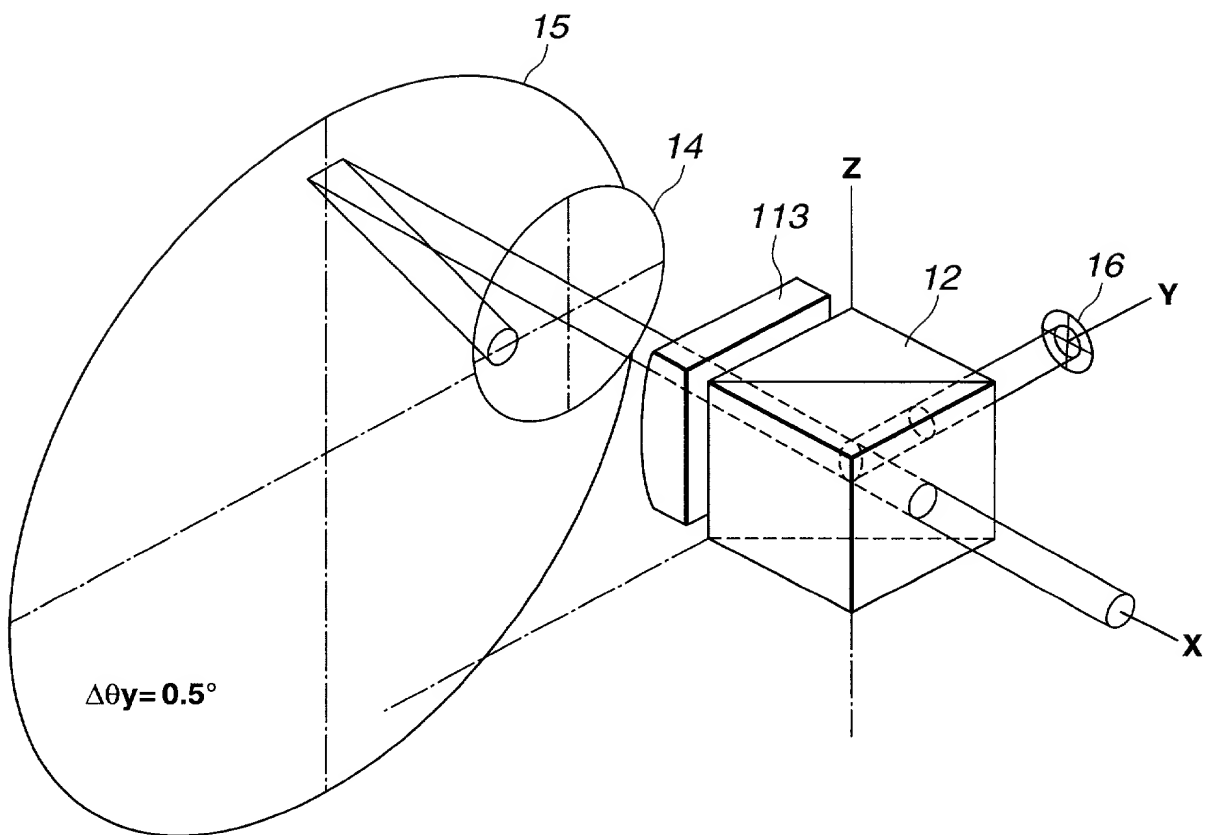




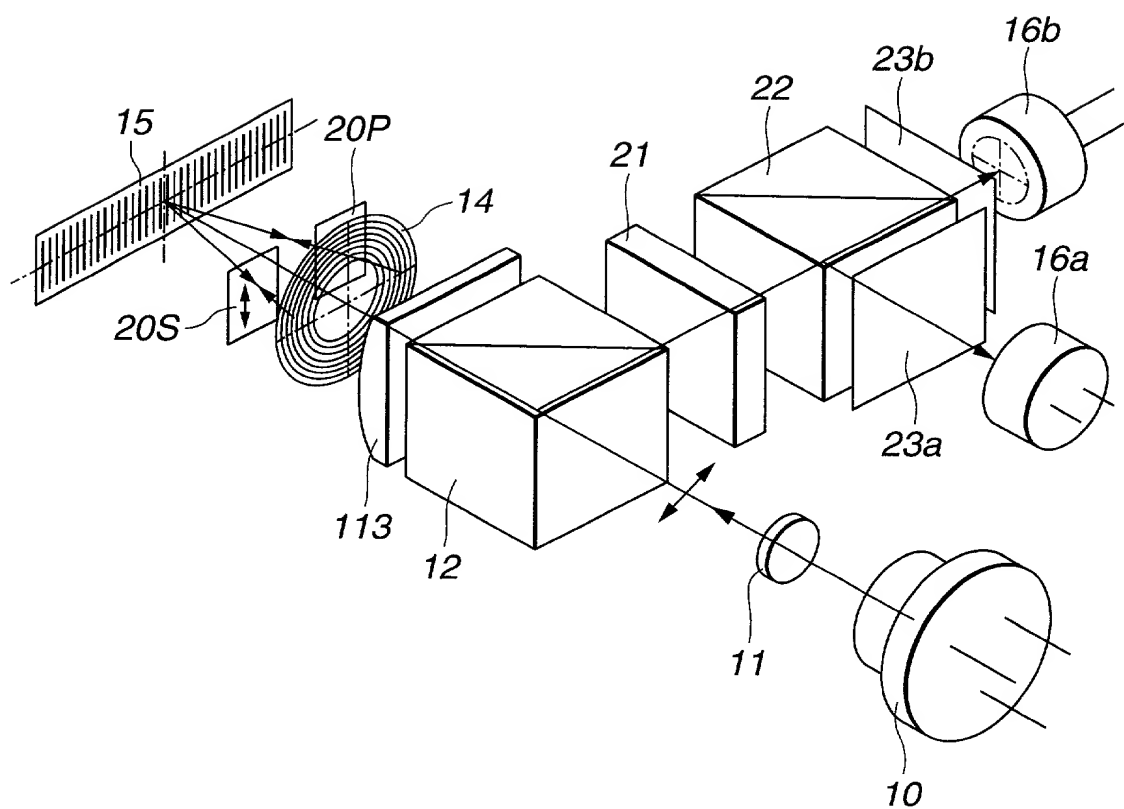
**FIG.45**



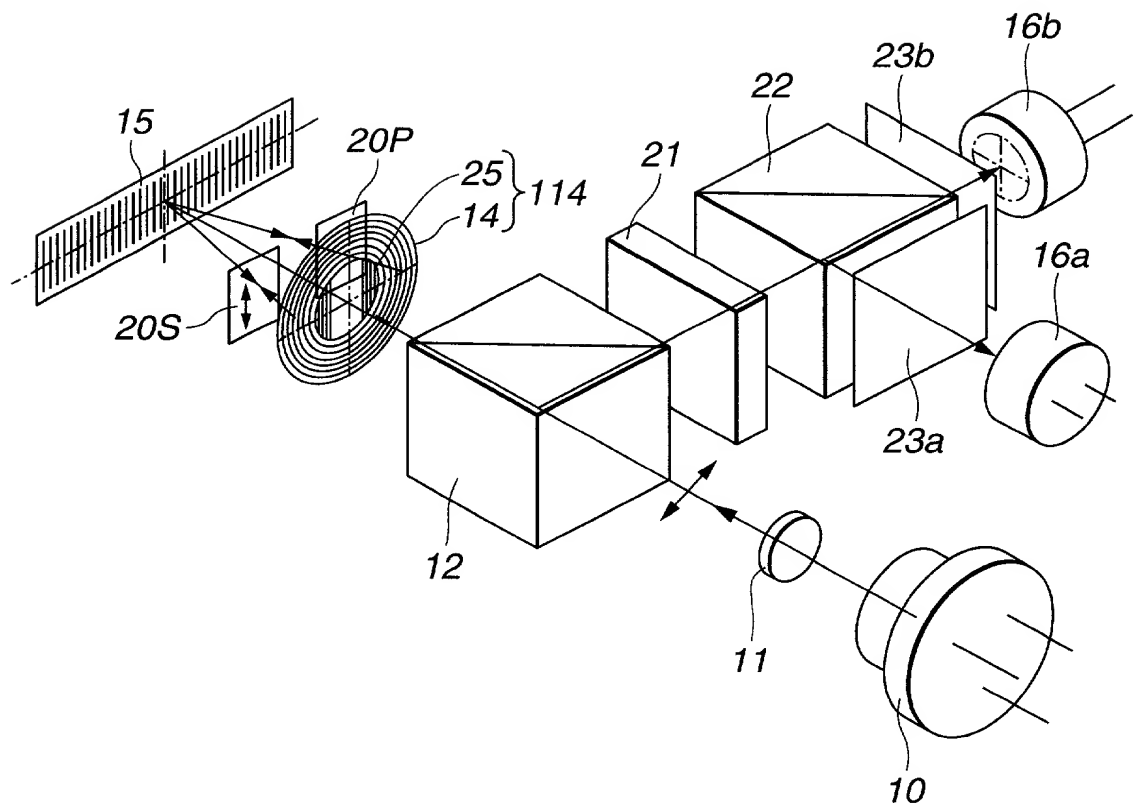
**FIG.46**



**FIG.47**



**FIG.48**



**FIG.49**

